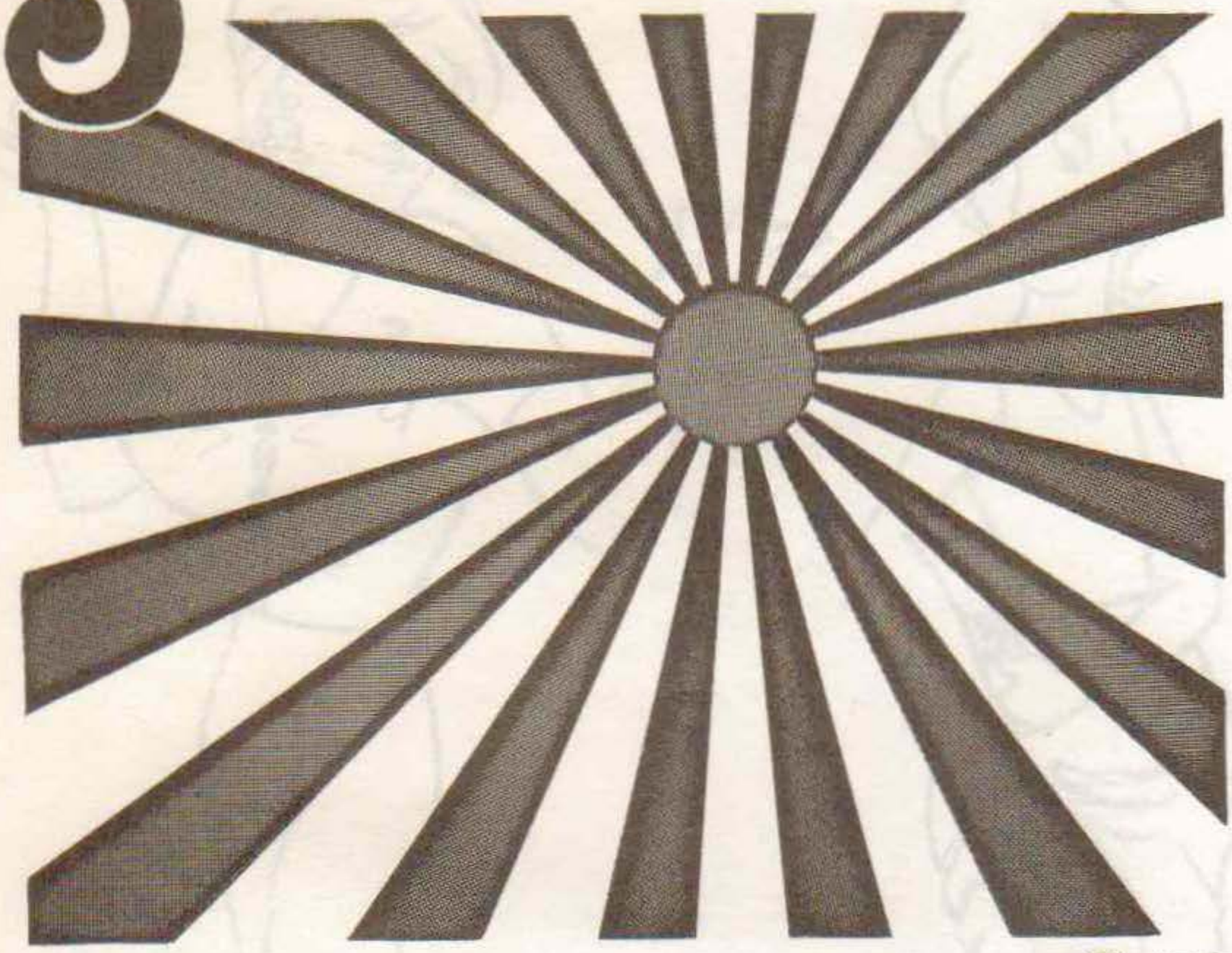
# Sunburst

## pattern system

# Sunburst pattern system



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by

*Helen LeMay* *C. M. Brook*

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cc-2-77

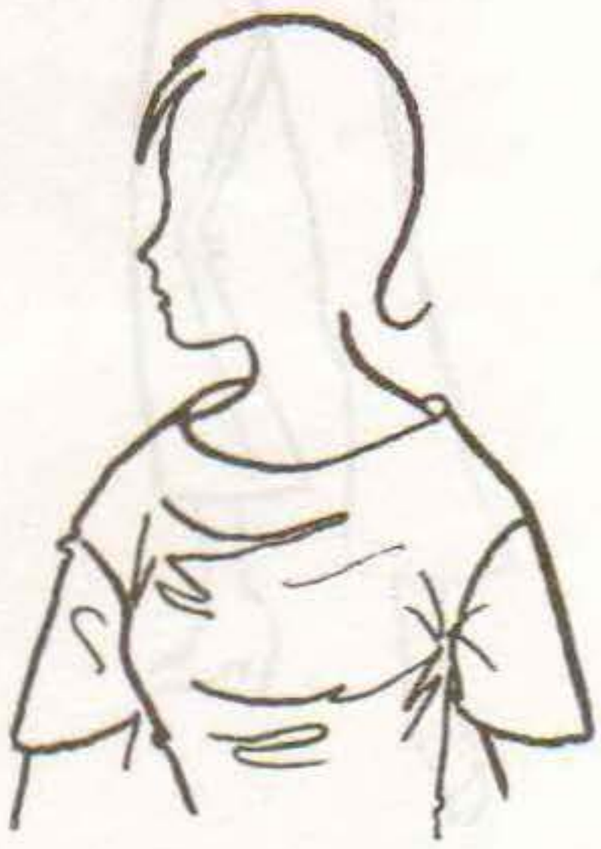
# Introduction

*Are you two sizes??*

*Or maybe three?*

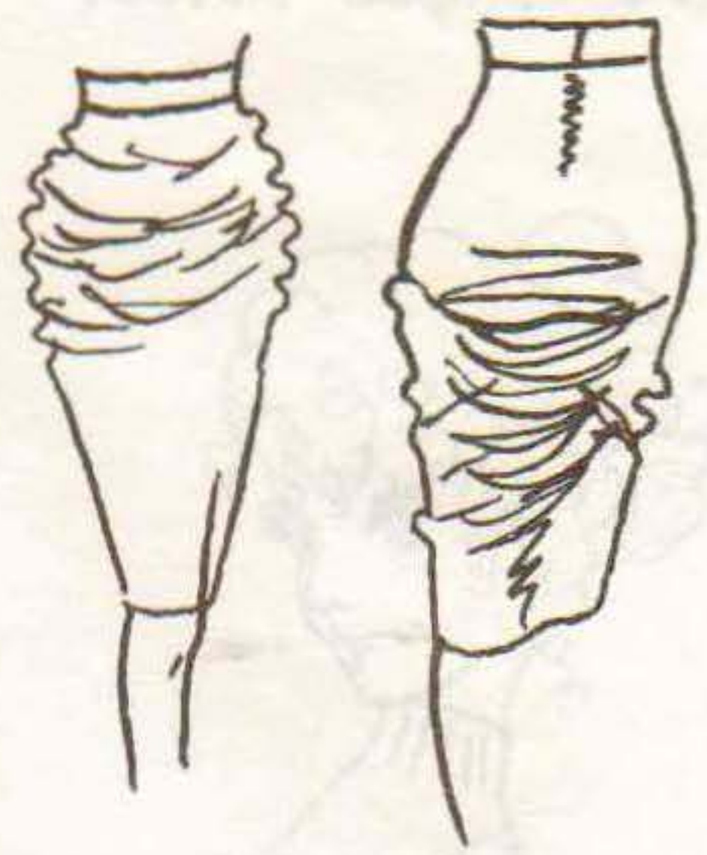
DO YOU SOMETIMES THINK THE FIT IS SO BAD YOU MAY SEE YOURSELF AS ONE OF THESE ??

*Dart too low? Dart too high?*



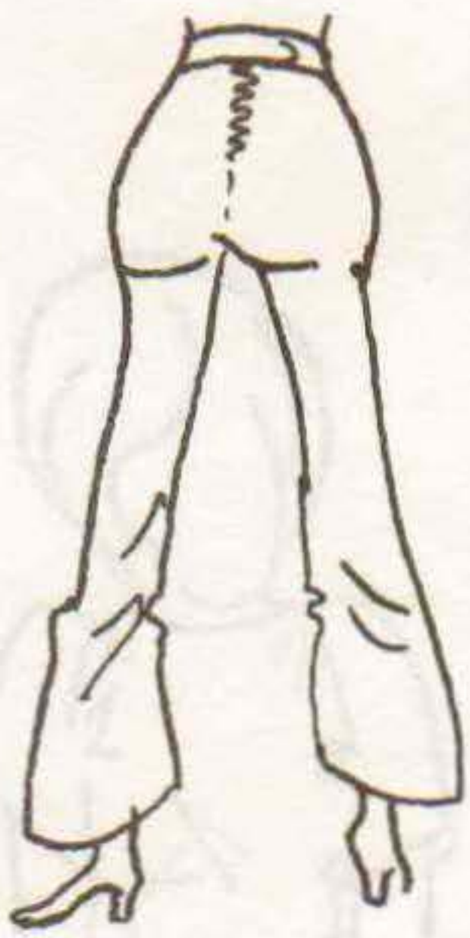
*Shoulders square? Shoulders slope?*

*Waist too high*
*or too low?*

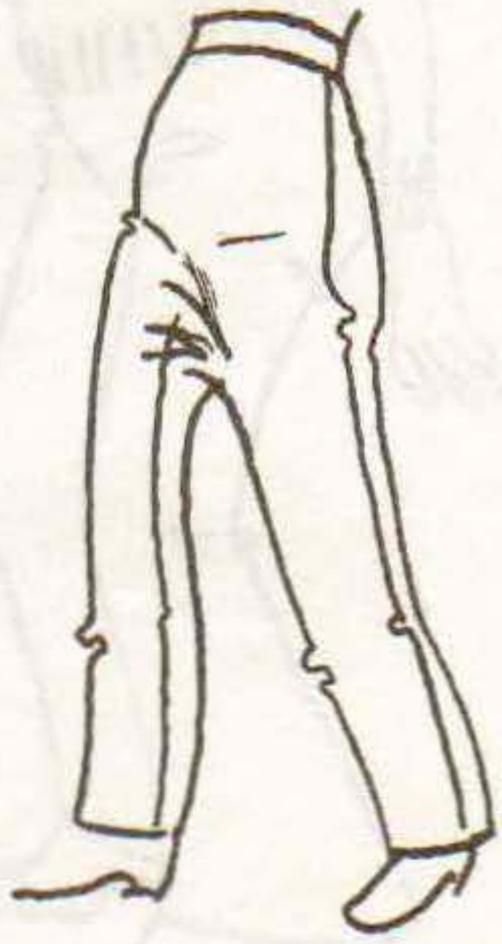


*Hip point too high*
*or too low?*

*Pants too short?*



*Tight crotch? Baggy crotch?*



# *Frustrated?*

THIS BOOK IS DEDICATED TO THE SOLVING OF THESE PROBLEMS.

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# Chapter I

# Instructions for making SUNBURST patterns.

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Assemble SUNBURST Measurement Guide and SUNBURST Extender.....I-1

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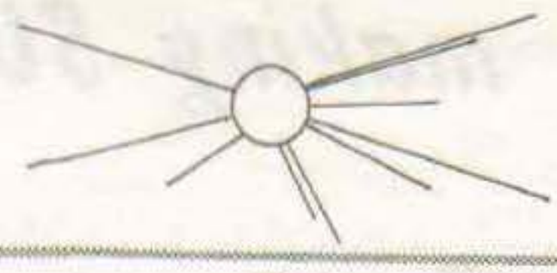
# Pattern Making Tools

The following tools are necessary in order to successfully draft Sunburst Patterns:

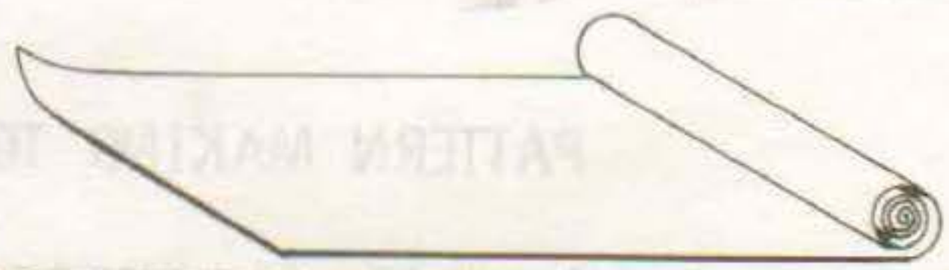
SUNBURST CURVE
(included in Kit)

SUNBURST MEASUREMENT GUIDE
and EXTENDER (Included in Kit)

SUNBURST PATTERNS
(included in Kit)

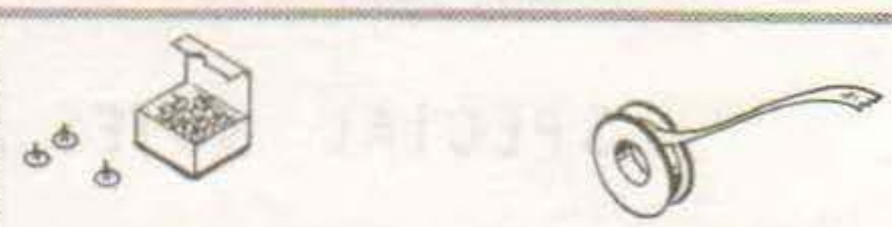


DRAFTING PAPER
(newsprint or tissue)



WORKBOARD or TABLE
24" to 30" wide
and 4' to 6' long
(length depends
on your height).

TACKS or MASKING TAPE



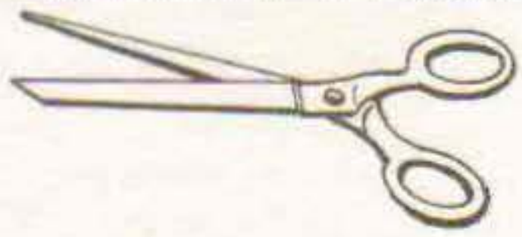
FELT TIPPED PEN
or SOFT LEAD PENCIL

RULER (one foot)

YARDSTICK

TAPE MEASURE

SCISSORS



# Assemble
# SUNBURST Measurement Guide and Extender

Figure 1

There are two sections of your SUNBURST EXTENDER (Fig. 1).

The first section will be sufficient for all bodice, sleeve, yoke and collar extensions. (Fig. 2) You will need to add the second section for long skirts, pants and one-piece patterns. (Fig. 3)

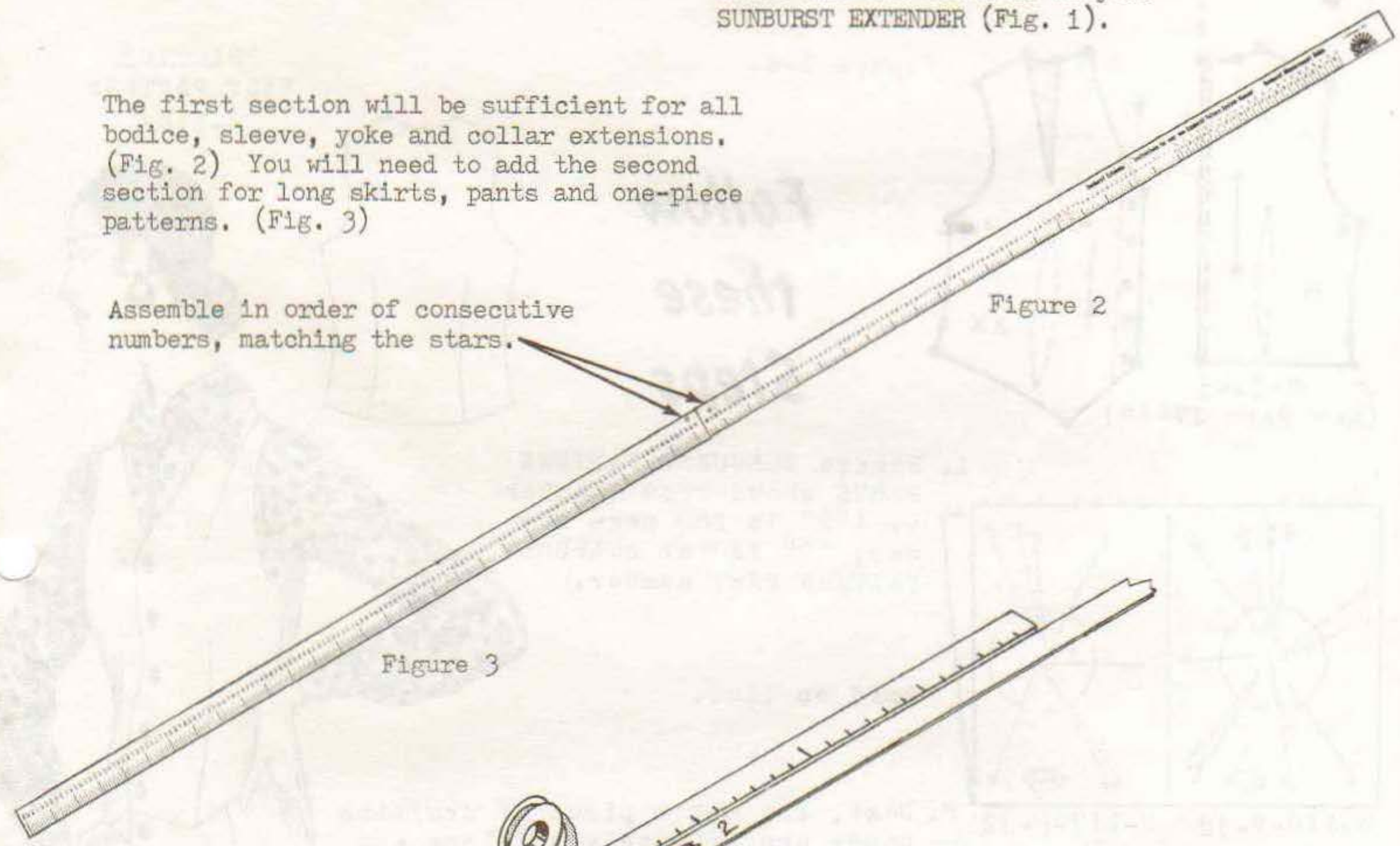


Figure 2

Assemble in order of consecutive numbers, matching the stars.

Figure 3

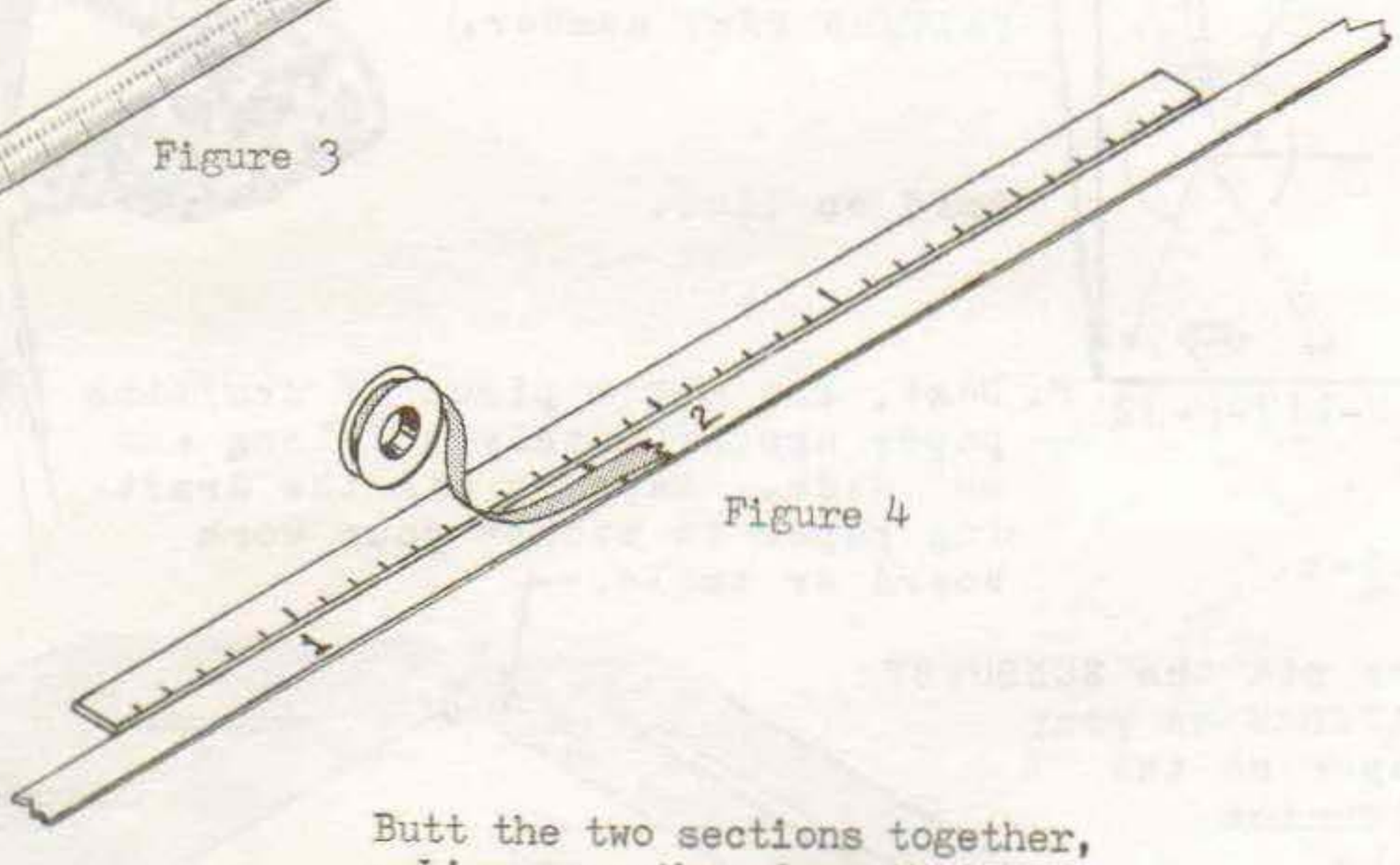
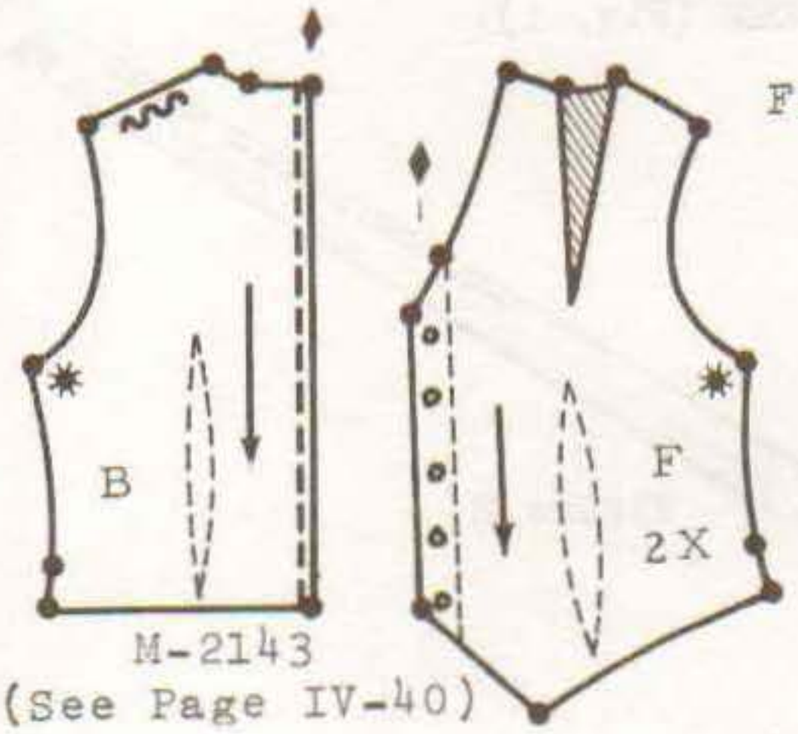



Figure 4

Butt the two sections together, making sure the edges that have lines on them are matched up exactly. Use a yardstick for a straight edge. Splice with transparent tape on both sides. (Fig. 4)

# Make Your Practice Pattern

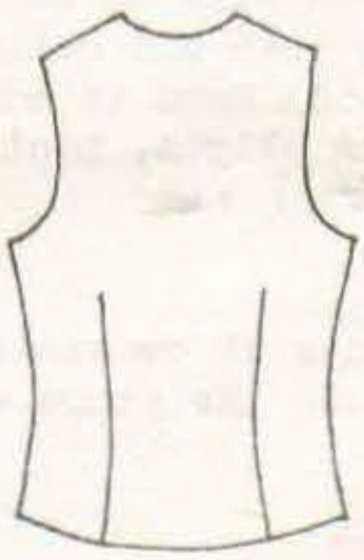
It is suggested that you make the PRACTICE VEST PATTERN first. In drafting this pattern, you are learning the technique of handling your tools, so do not attempt to fit it. It is a very simple procedure. However, if you don't take the time to make this PRACTICE PATTERN to the SAME measurement at least 3 or 4 times, you will not become familiar with the technique, and it will tend to slow you down and lead to mistakes when making other patterns.



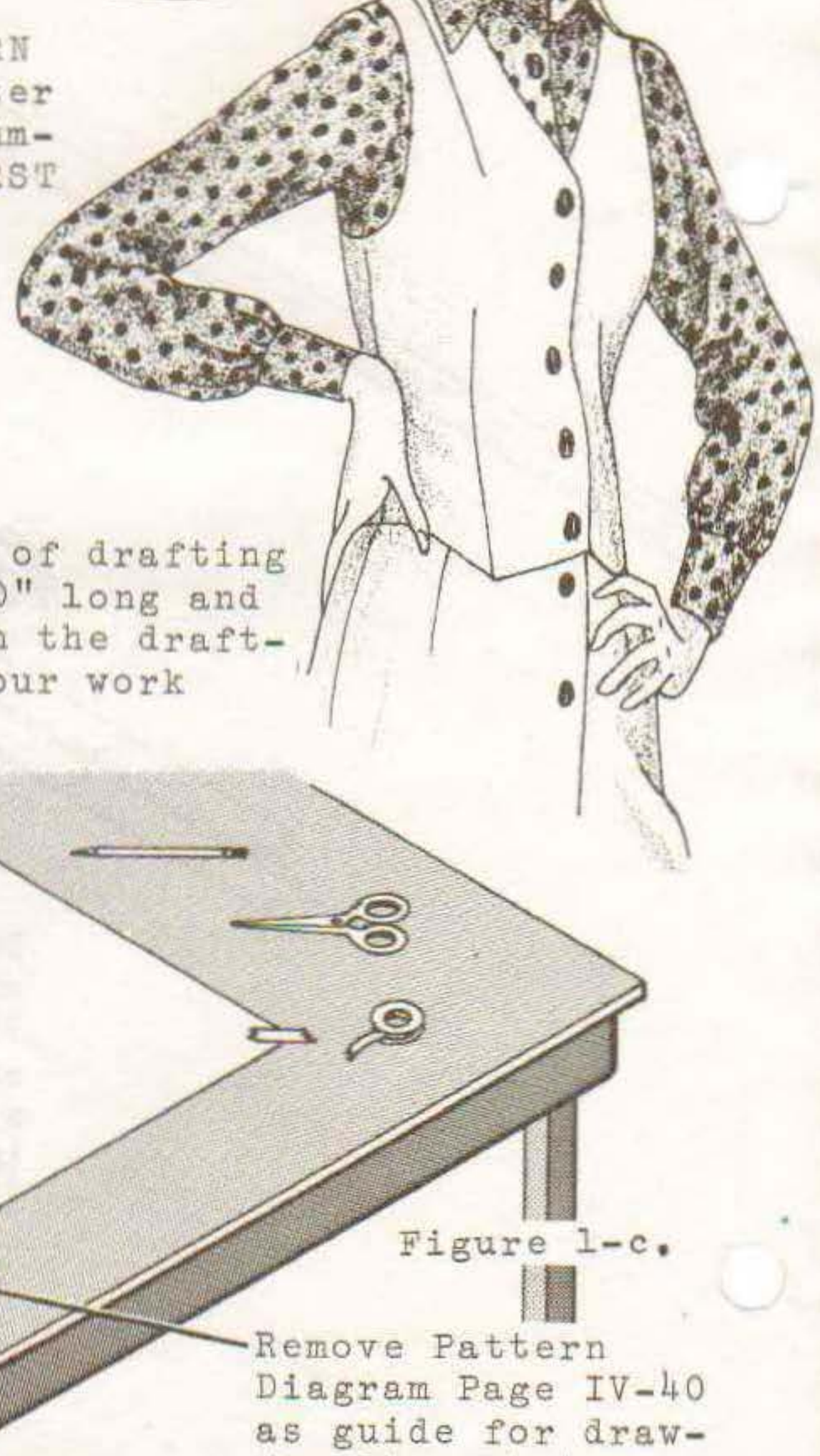

M-2143
(See Page IV-40)

Figure 1-a.

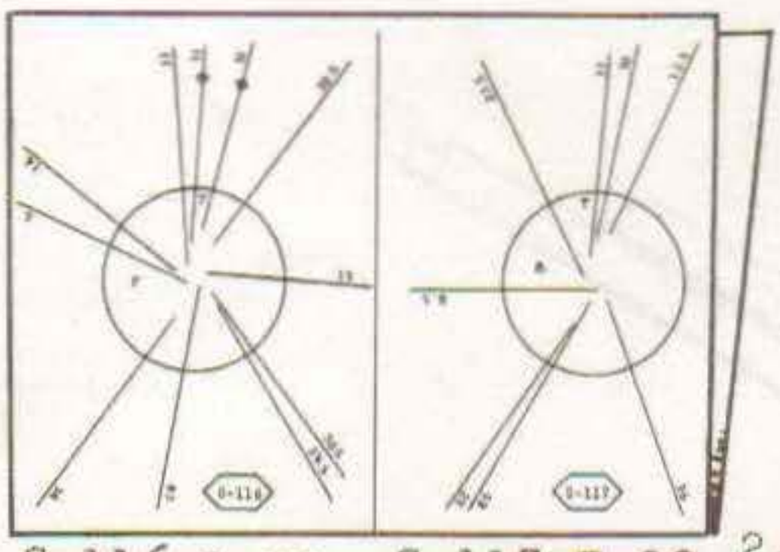
PRACTICE
VEST PATTERN
M-2143



## Follow these Steps



1. Remove SUNBURST PATTERN PARTS shown from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)




S-116-P-32 S-117-P-32

Figure 1-b.

Fold on line.

2. Next, lay out a piece of drafting paper approximately 30" long and 20" wide. Tape or pin the drafting paper to either your work board or table.

2-a. Then tape or pin the SUNBURST PRACTICE PATTERN on your drafting paper so the longest extension number on the pattern will not extend off the paper.

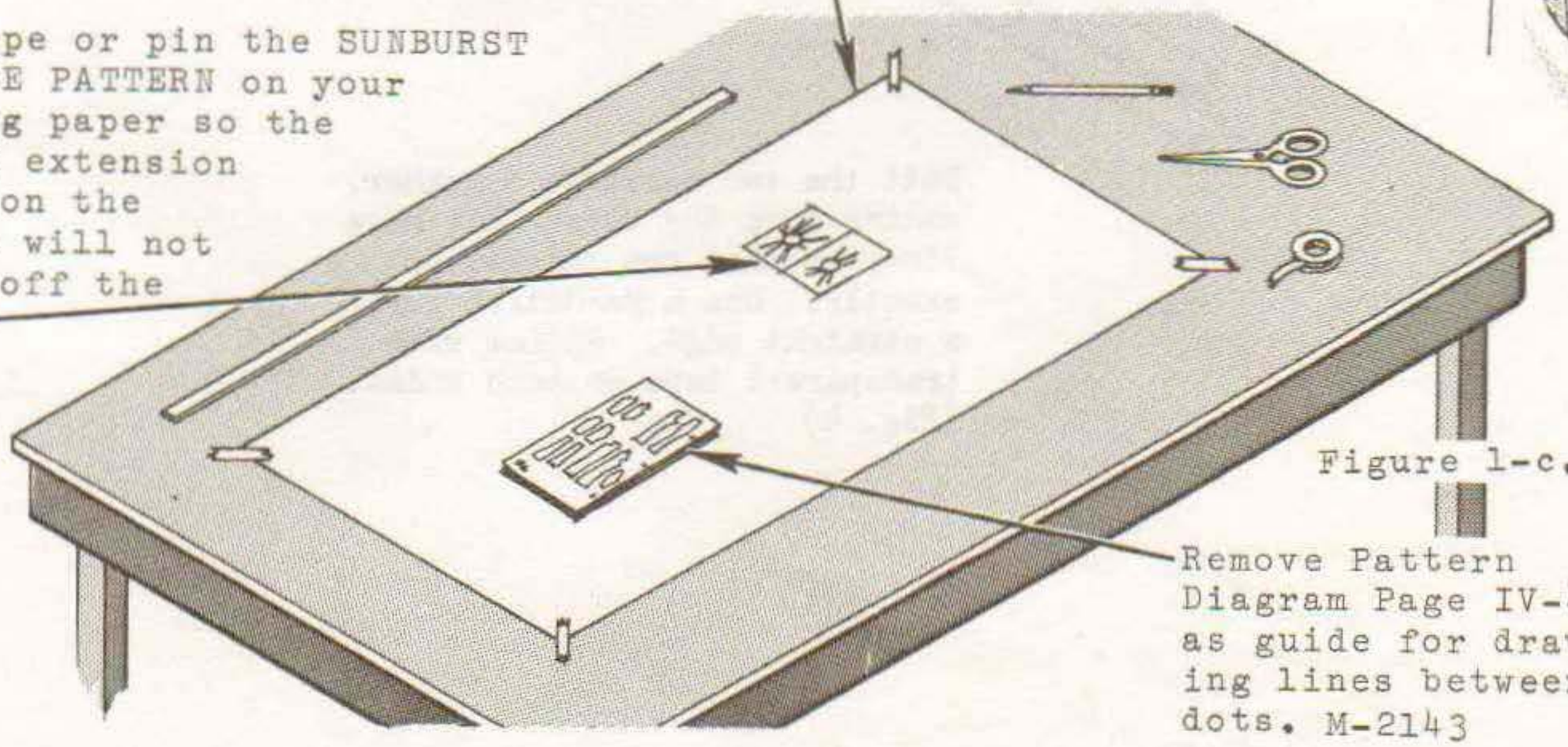
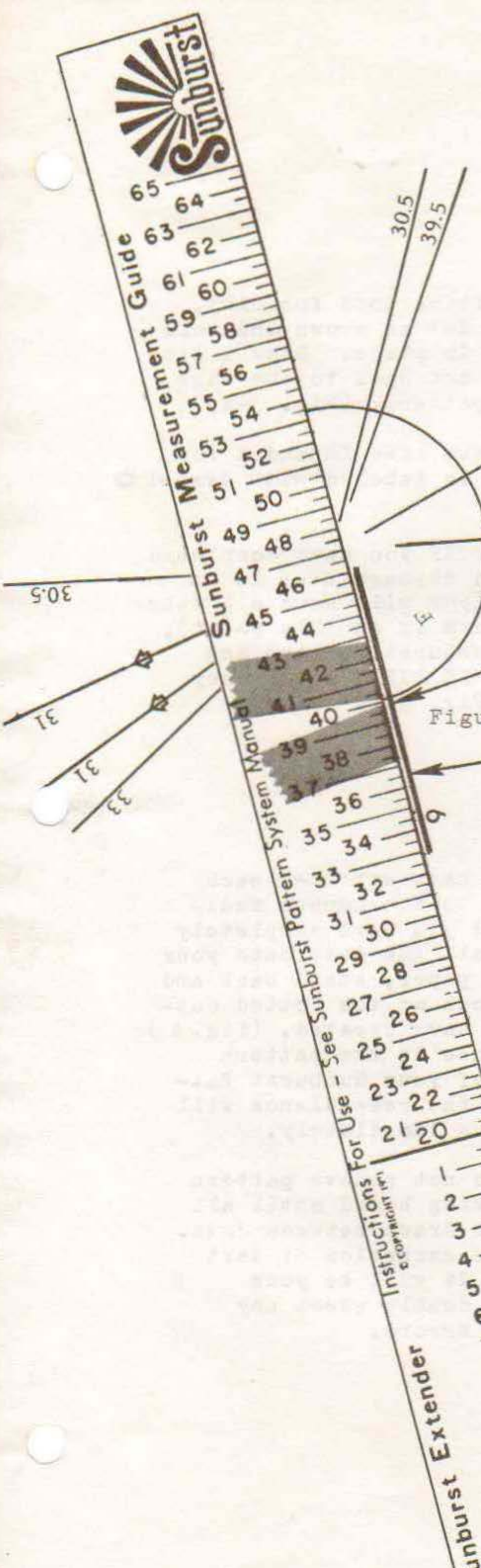


Figure 1-c.

Remove Pattern Diagram Page IV-40 as guide for drawing lines between dots. M-2143



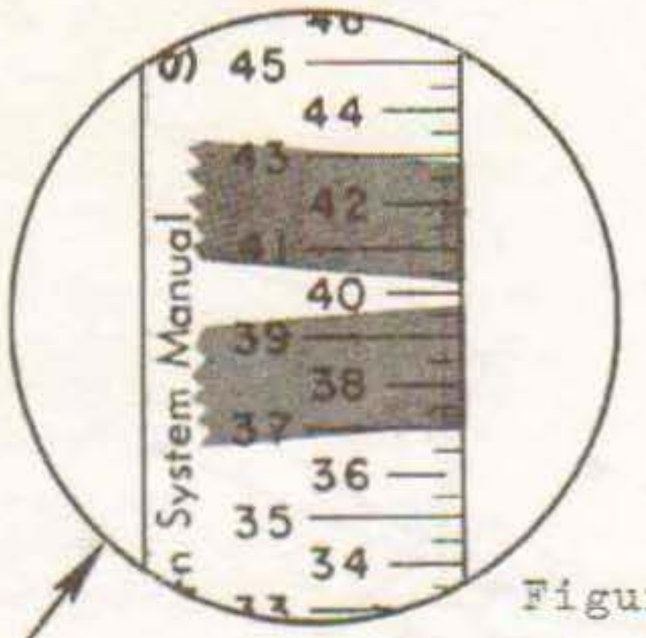




Figure 2-a

3. Using any assumed measurement, which we shall call your "SIZE", place masking tape above and below "SIZE" number on the SUNBURST MEASUREMENT GUIDE, thus isolating the "SIZE" from the other numbers.

4. Now line up the "SIZE" number on the perimeter of the SUNBURST.

Figure 2-b

4-a. Lay the edge of the SUNBURST MEASUREMENT GUIDE along one of the lines protruding from the SUNBURST.

5. See the number appearing beside that line? Go out to the SAME number on your SUNBURST EXTENDER and make a DOT. Then move to your next line and continue around the SUNBURST PATTERN, extending each line shown in the same manner.

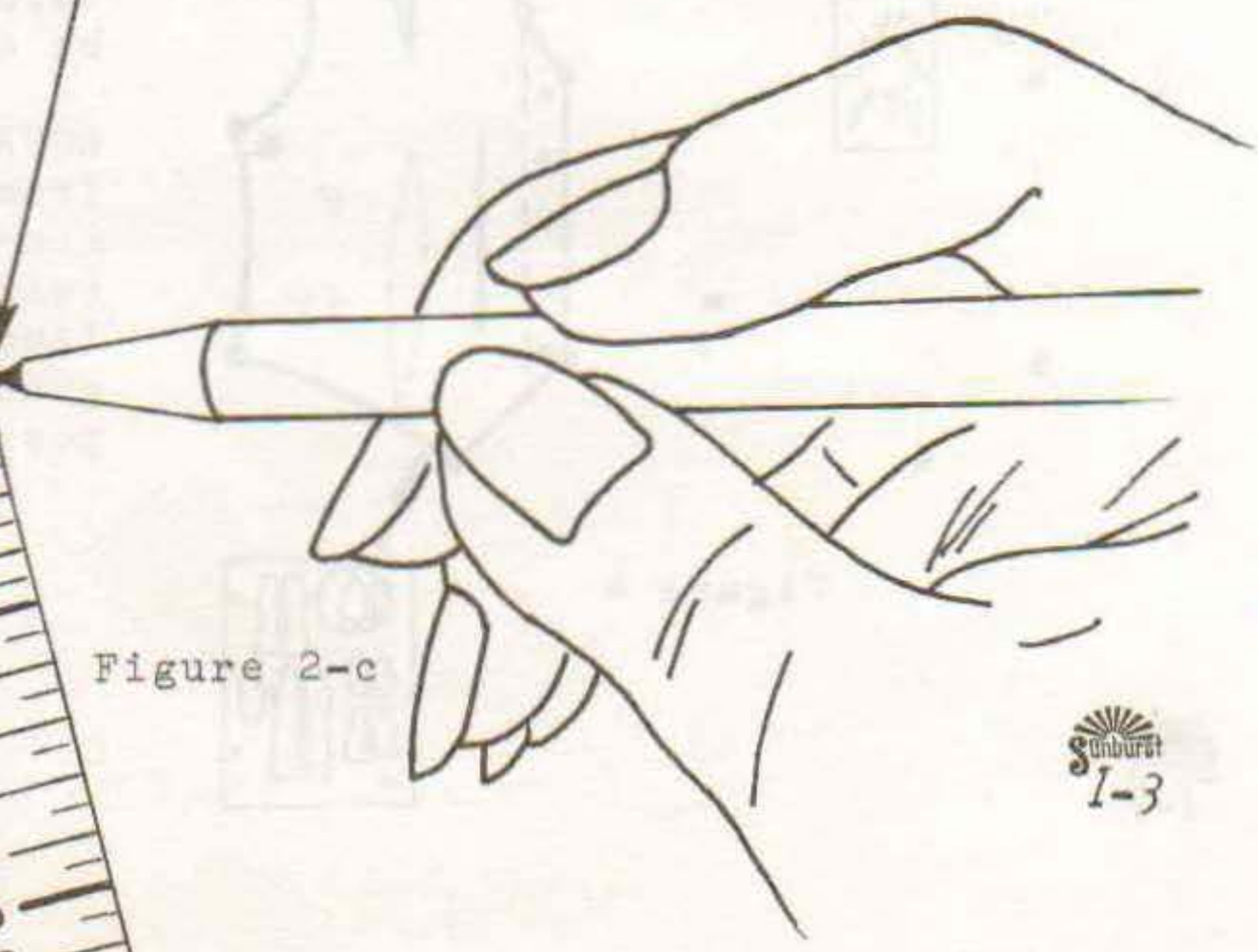


Figure 2-c

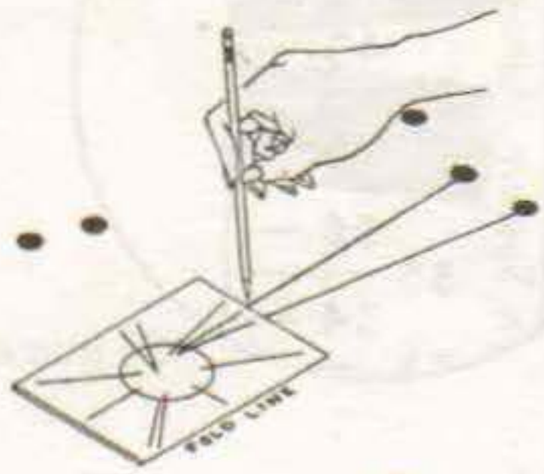



Figure 3-a

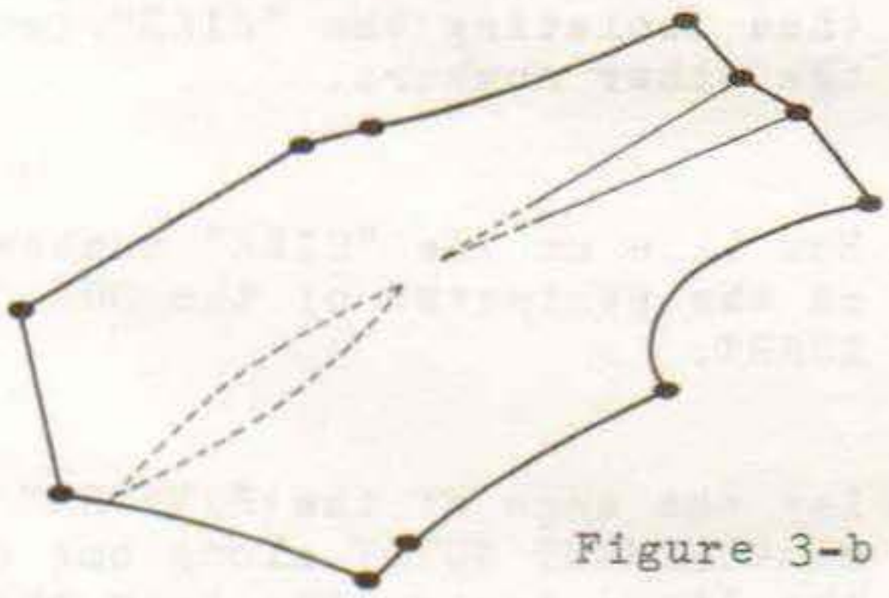


Figure 3-b

(6) When drafting dots for DART, mark the dot as shown and hold extender in place. Draw a line from the dot back to the edge of your pattern. (Fig. 3-a)

NOTE: Each line intended for the DART is labeled with symbol ⇨

NOTE: AFTER you have completed all steps through Step 10 on Page I-5 (you will have all other lines drawn in at this point), remove Sunburst Pattern and extend DART LINES until they meet. (Fig. 3-b)

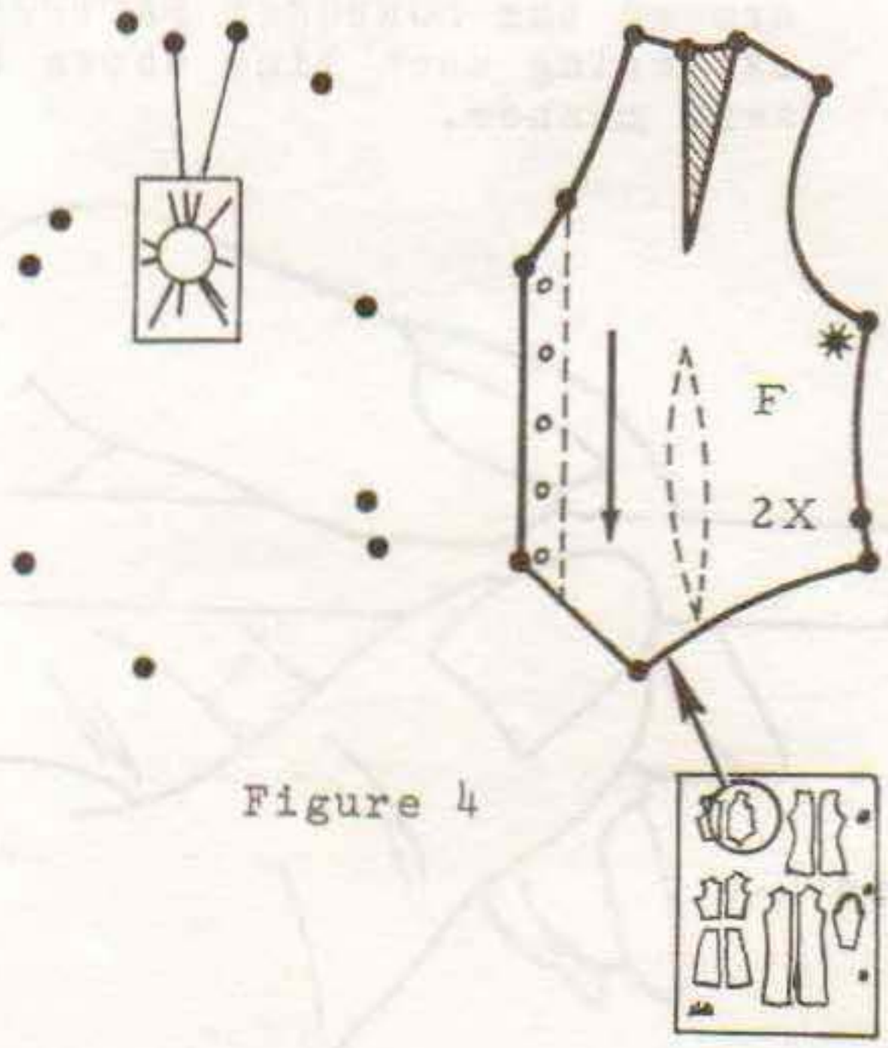



Figure 4

(7) When you have extended each line out to the number indicated and you have completely drafted all the dots onto your drafting paper, stand back and take a look at the dotted outline you have created. (Fig. 4 ) Then glance at the pattern diagram of your Sunburst Pattern and the resemblance will be obvious immediately.

NOTE: Do not remove pattern from drawing board until all lines are drawn between dots. (with the exception of dart lines). It will be your guide to double check any possible errors.

(8) At this point, using your SUNBURST CURVE, connect all dots together by following the outline of your line drawing. Join the dots, making straight lines FIRST. (Fig. 5)

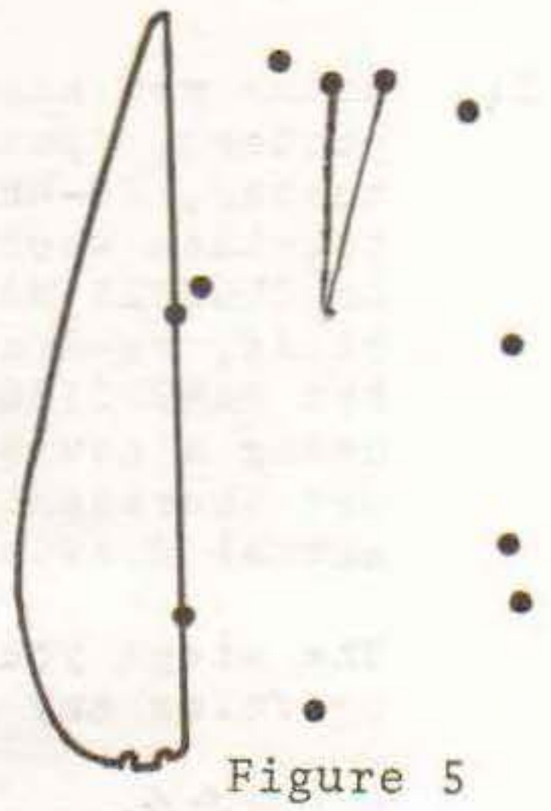


Figure 5

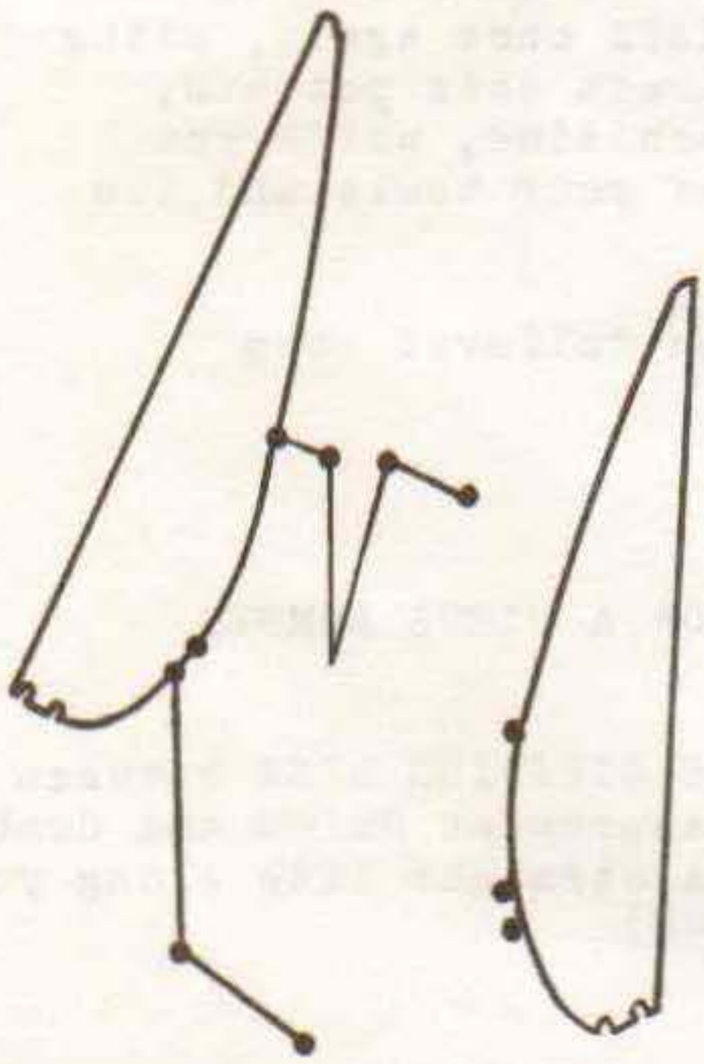


Figure 6

(9) Where your line drawing shows a curved line, match the curved section of your SUNBURST CURVE to join the dots together, as in the neckline and side. (Fig. 6)

(10) You will note NO DOTS are in the curve of the armhole on the vest pattern. On any pattern where you find NO DOTS in the armhole curve, **place the SUNBURST CURVE in the armhole by placing the arrow at the ½" mark on the lower armhole dot. Then align your curve to touch the shoulder dot and trace around the curve (Fig.7). Use other side at the 2" mark in the same manner on back pattern panel.**

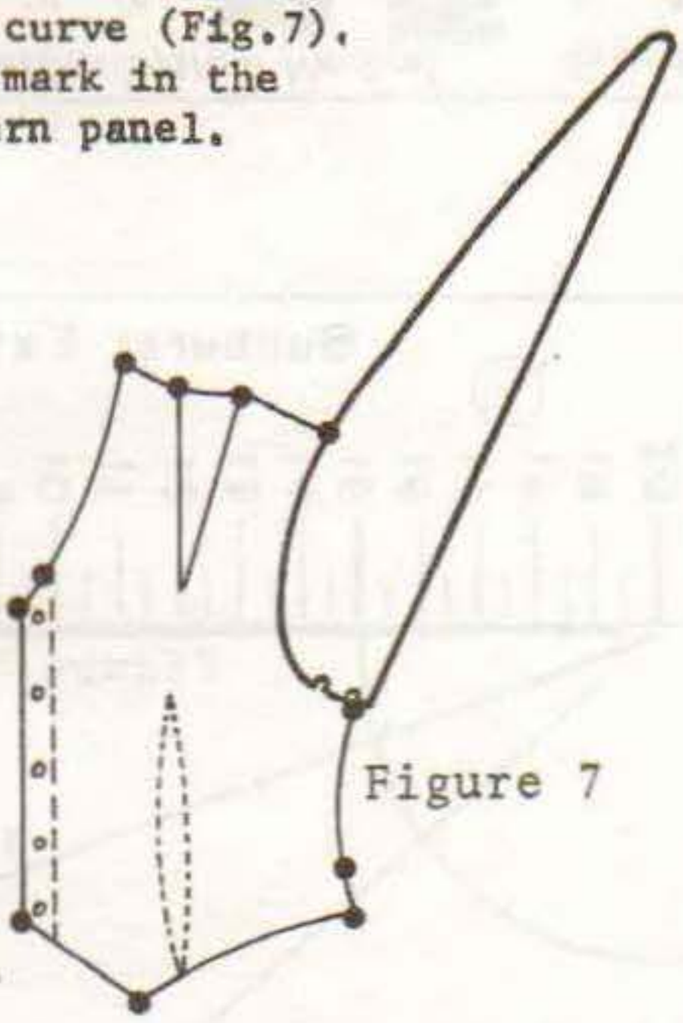
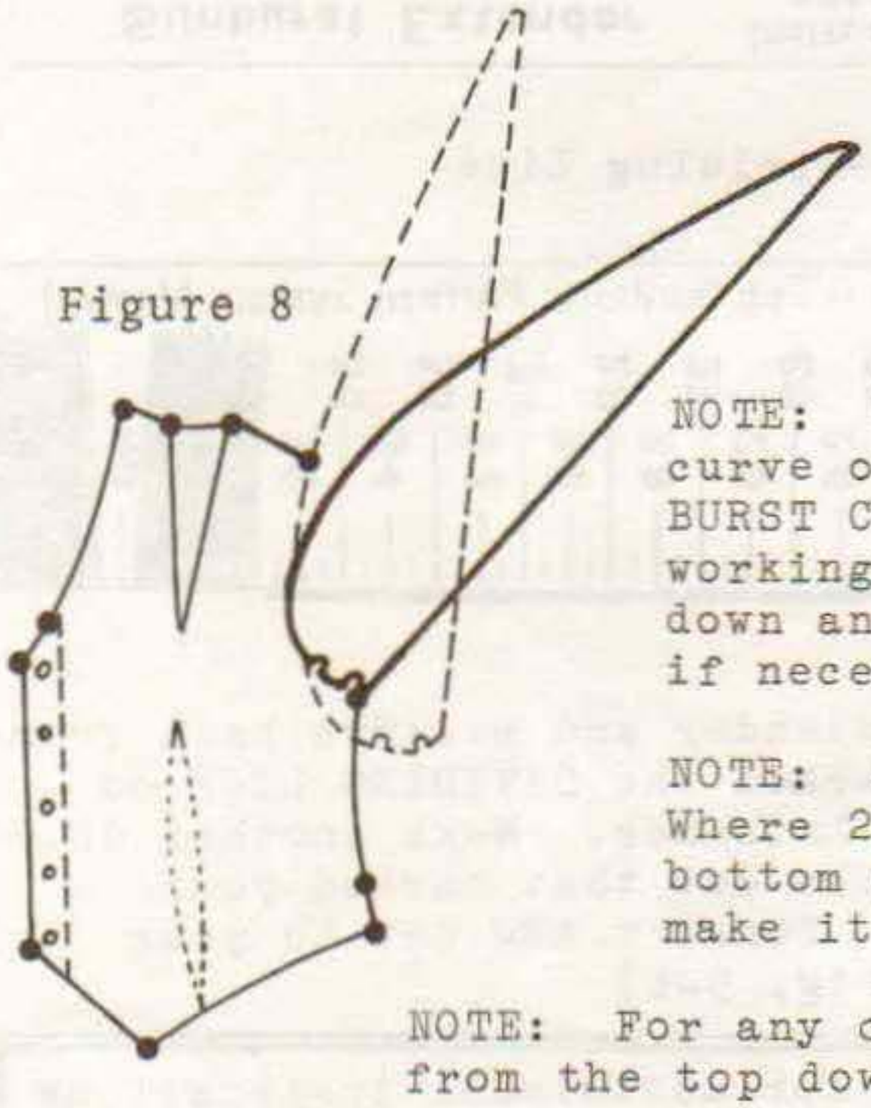


Figure 7

Figure 8



NOTE: If there are dots in curve of armhole, fit SUNBURST CURVE into dots by working from shoulder point down and arranging it twice, if necessary. (Fig. 8)

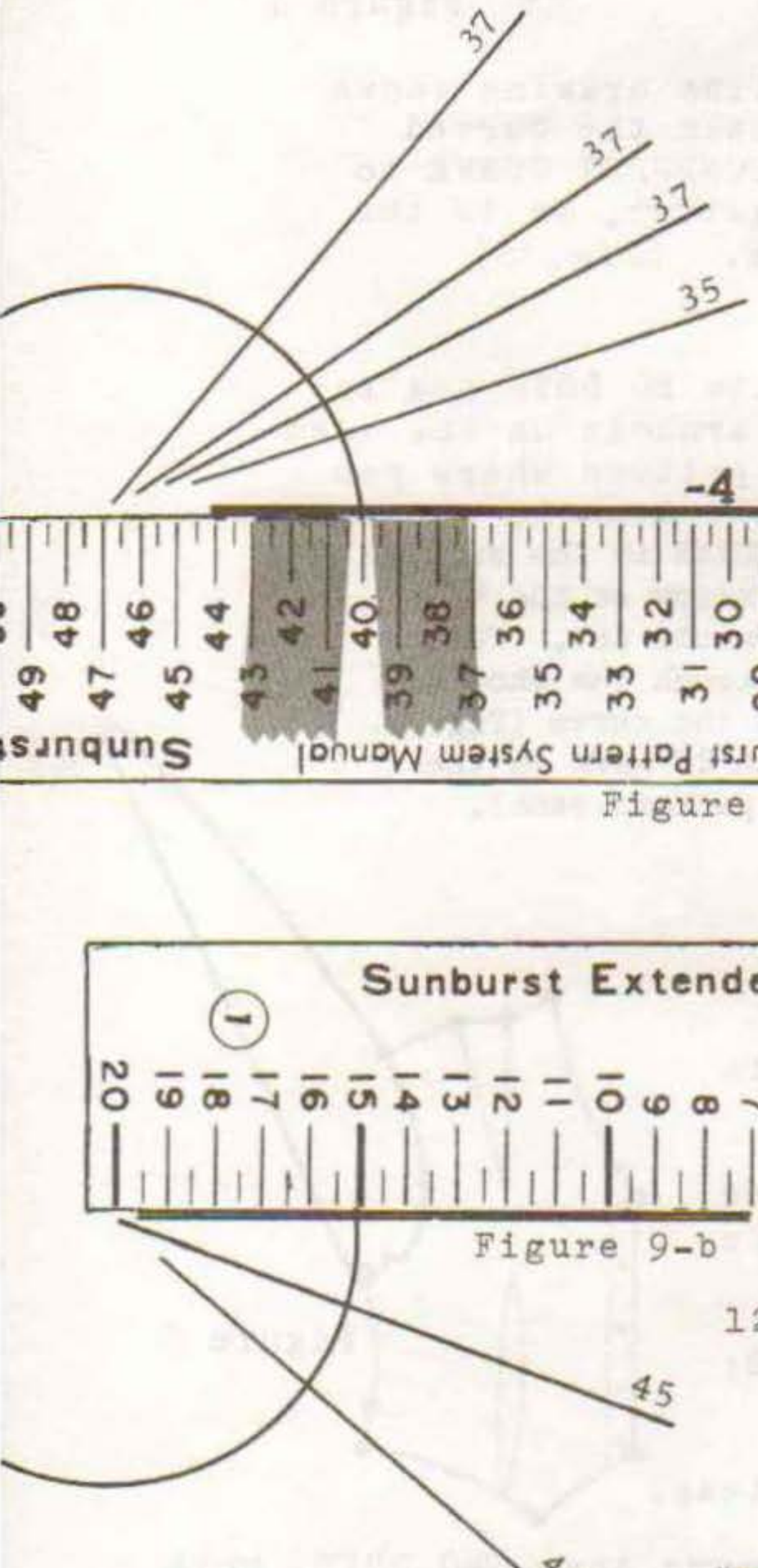
NOTE: SLEEVE - SLEEVELESS: Where 2 dots are shown at bottom of armhole you may make it sleeved or sleeveless.

NOTE: For any curvature that has more than TWO DOTS, work from the top down, repositioning the curve when necessary.

# Special Notes

11. After you have completed all the lines and curvatures on the pattern, put the pattern aside, and using the same SIZE number, RE-DRAFT the IDENTICAL PATTERN. Connect the dots together when you are finished and see if the new pattern is CLOSELY MATCHED to the old pattern. If it seems to be close, re-draft the PRACTICE VEST PATTERN once again, using the SAME SIZE number and continue to draft this pattern, using a new sheet of drafting paper each time, until you are thoroughly familiar with the use of your tools and the actual drawing of the dots and lines.

The steps you have just taken should be followed when drafting any SUNBURST PATTERN.




12. HOW TO MEASURE FOR A MINUS NUMBER

Mark a dot at the DIVIDING LINE between your Sunburst Measurement Guide and Sunburst Extender. Draw a straight line along your Extender. (Fig. 9-a)

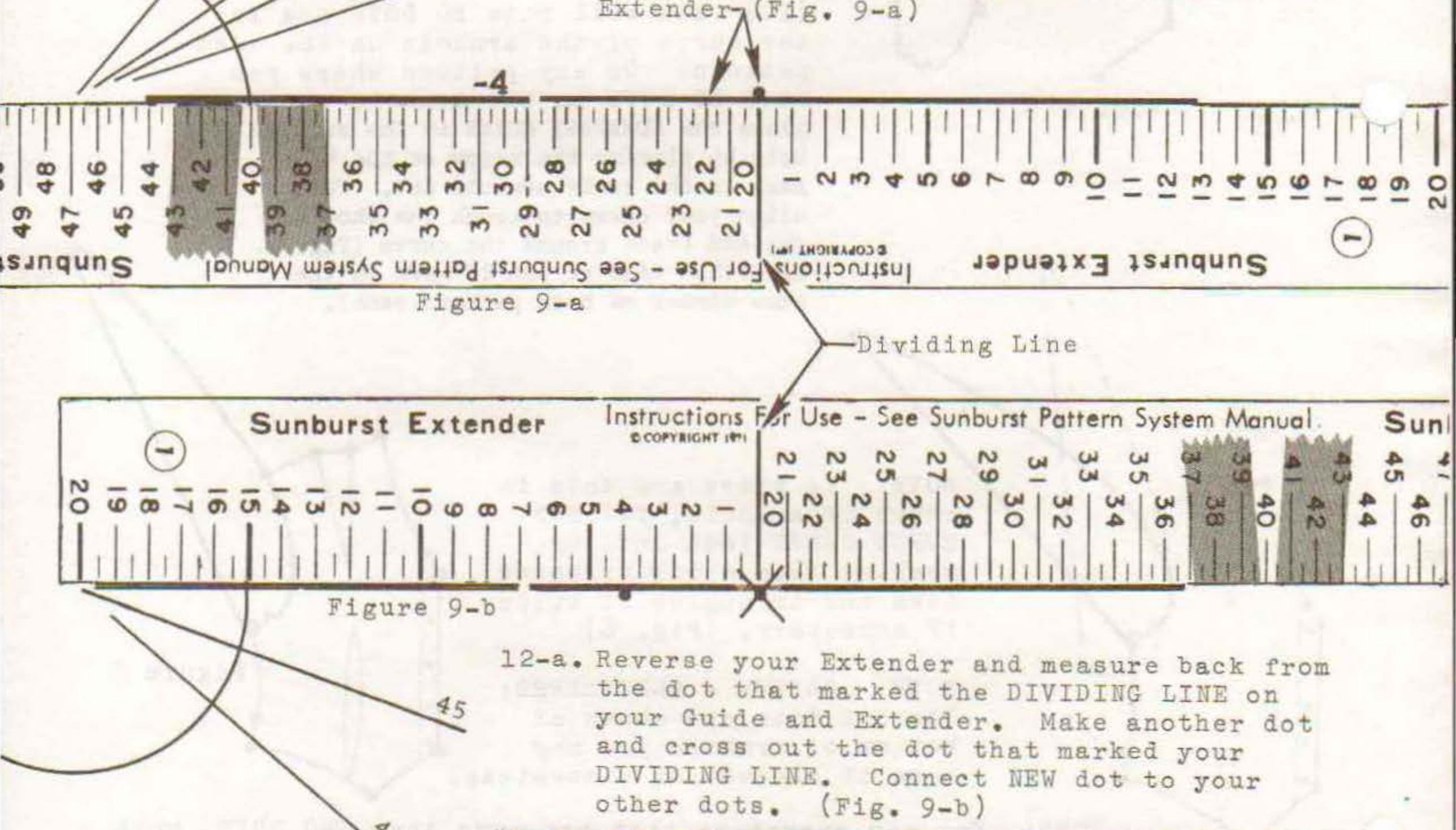



Figure 9-a

Figure 9-b

12-a. Reverse your Extender and measure back from the dot that marked the DIVIDING LINE on your Guide and Extender. Make another dot and cross out the dot that marked your DIVIDING LINE. Connect NEW dot to your other dots. (Fig. 9-b)

13. See Chapter IV for additional instructions before making your first garment. PROCEED NOW TO CHAPTER II.

# Body Markings

Mark your flesh or undergarments as indicated in Fig. 2-A and 2-B. These are your principal fitting points.

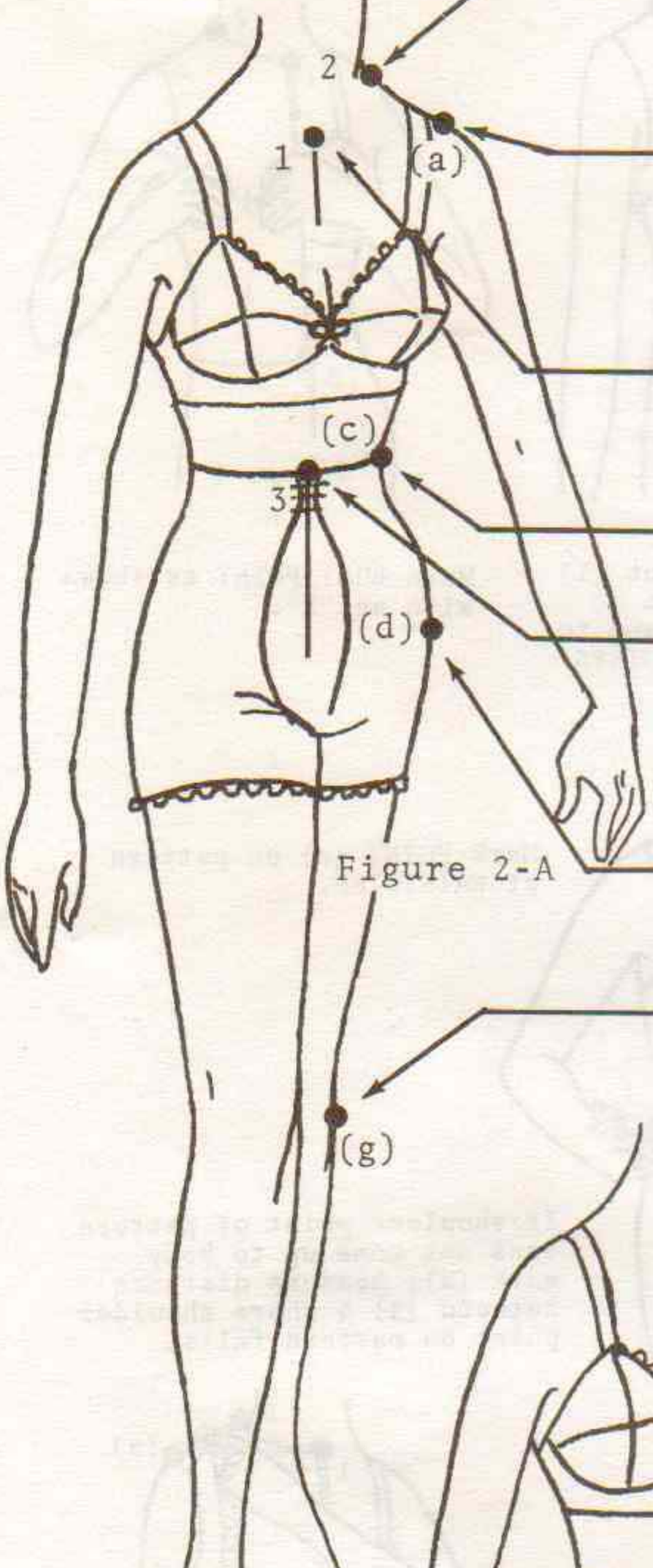



Figure 2-A

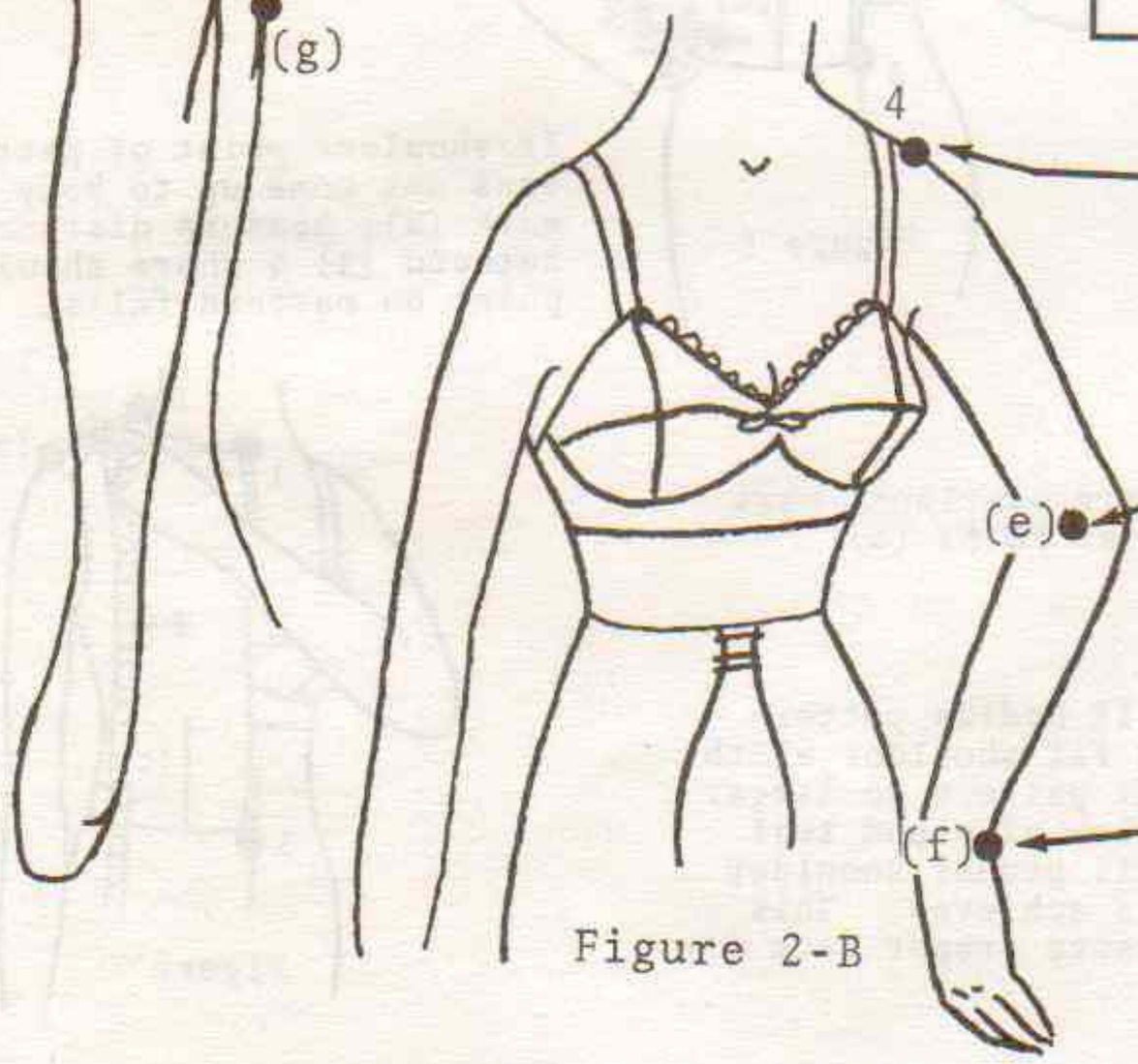



Figure 2-B

STABLE POINT #2
Mark at point where shoulder seam starts at neckline

SHOULDER POINT (a)
Middle of shoulder cap
(This is also STABLE POINT #4 for sleeves)

STABLE POINT #1
Mark center front on chest

WAISTLINE (c)

STABLE POINT #3
Center front for skirts or pants
(Above navel)

HIP POINT (d)
(Largest part of hips)

KNEE POINT (g)
(Bend of knee)

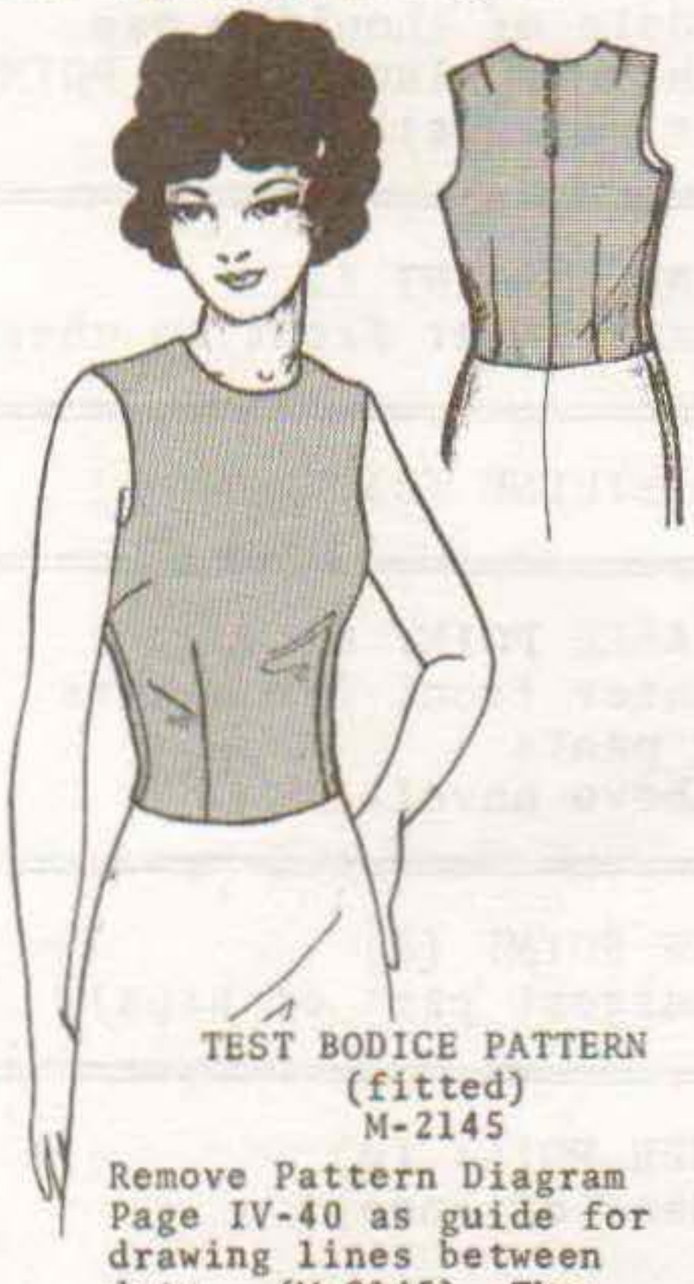
STABLE POINT #4
(Same as SHOULDER POINT (a)

ELBOW POINT (e)
(Bend of elbow)

WRIST POINT (f)
(Wristbone)

# Bodice Pattern Markings

Draft the TEST BODICE PATTERN to your size using the same procedure that you used to draft the PRACTICE VEST PATTERN in Chapter I. Follow instructions beginning in Fig. 3.



TEST BODICE PATTERN
(fitted)
M-2145

Remove Pattern Diagram Page IV-40 as guide for drawing lines between dots. (M-2145) Then remove SUNBURST PATTERN PARTS S-241-P-29 and S-242-P-29 from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)

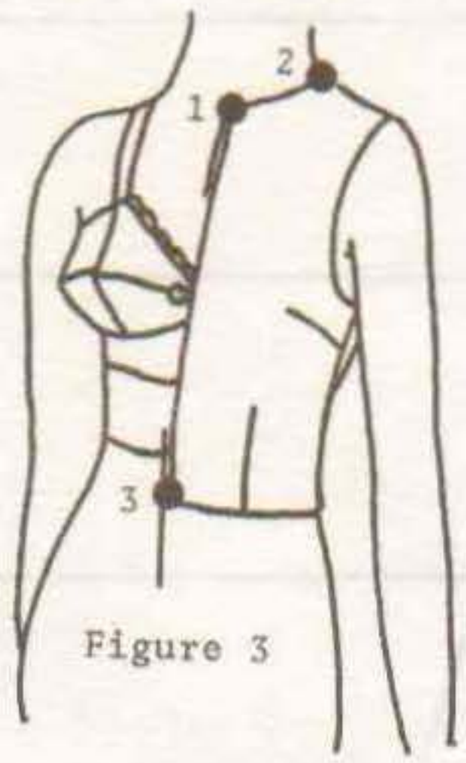



Figure 3

Match center front (1) and shoulder seam at neckline (2). Tape to body at STABLE POINTS (1), (2), & (3)

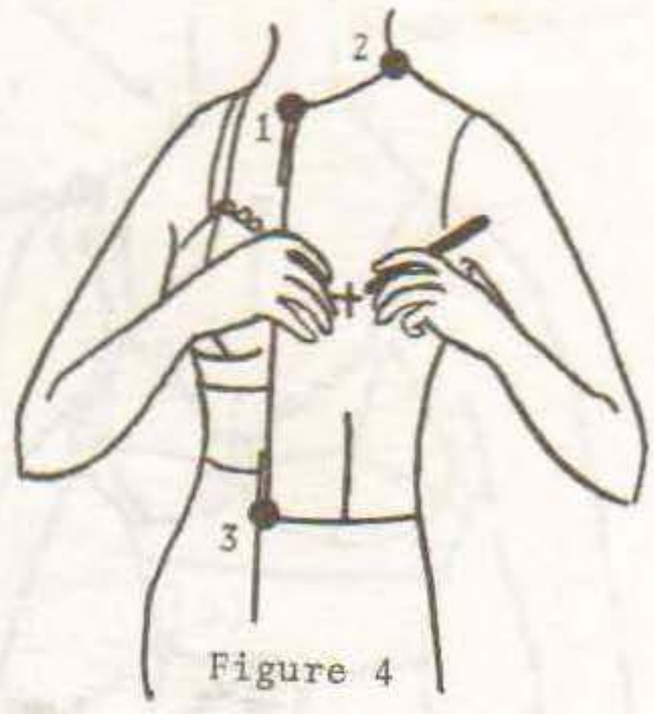



Figure 4

Mark BUST POINT as shown with an "X".

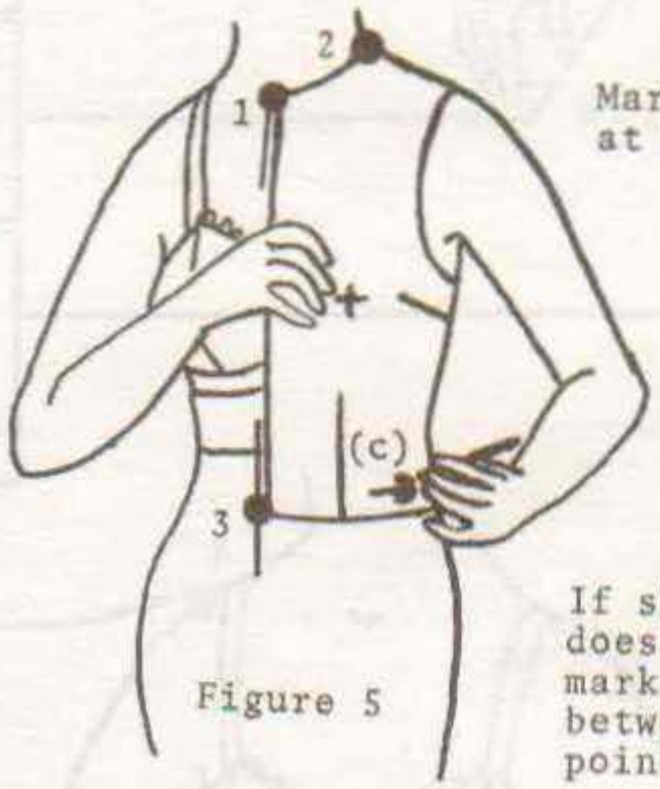



Figure 5

Mark POINT (c) on pattern at WAISTLINE.

If shoulder point of pattern does not come up to body mark (a), measure distance between (a) & where shoulder point on pattern falls.

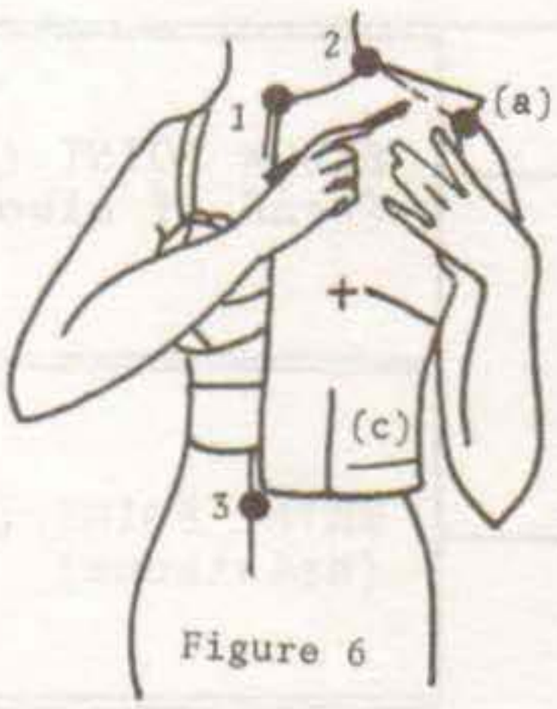



Figure 6

If pattern overlaps, mark pattern at POINT (a)

NOTE: If bodice pattern doesn't fit shoulder width, re-draft pattern to larger or smaller size and test fit until proper shoulder width is achieved. This will assure proper back fit.

Figure 7

# Chapter II

# Instructions for making TEST PATTERNS to get your fit.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# Measurement Rules

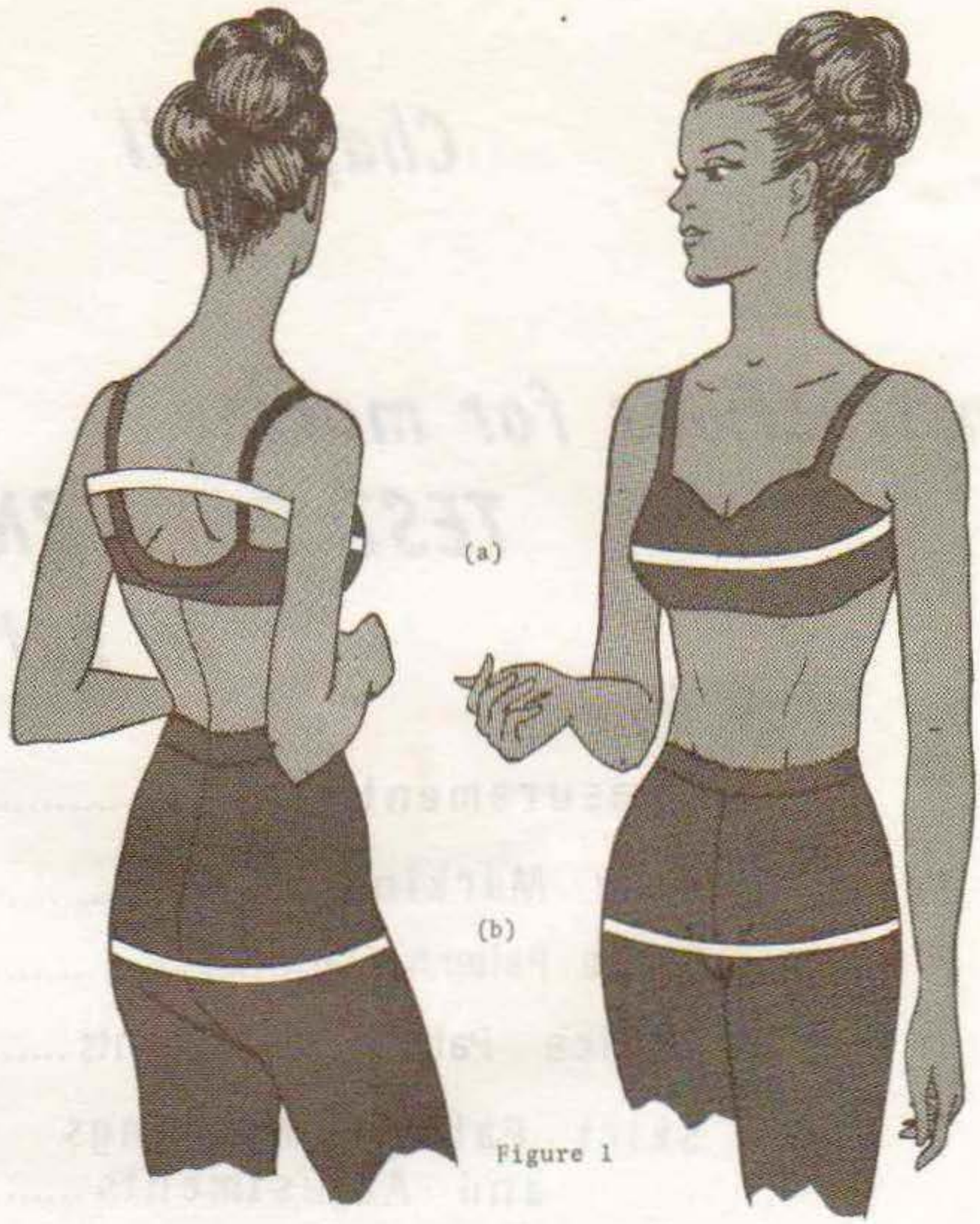



Figure 1

(1) Always wear the foundation garments you will be wearing under the garment you are constructing when you take your bust or hip measurement.

(2) When taking your bust and hip measurement, tape should be pulled just barely snug.

(3) BUST MEASUREMENT:
Measure from armpit to armpit across the broadest part of the back and then bring tape measure directly across the point of the bust. (See Fig. 1-a)

NOTE: Using this measurement system, your bust measurement will increase appreciably. This is normal.

NOTE: If your bust measurement is not larger than you have normally been obtaining, you have not taken the measurement correctly.

(4) HIP MEASUREMENT:
Find largest measurement below waistline. (See Fig. 1-b)

(5) Measure as follows for your various types of garments:

(a) Dresses, blouses and skirts:
Measure over foundation garments. (Fig. 1-a & b)

(b) Jackets & vests (top):
Measure over a sleeved blouse.

(c) Overblouse, jacket, tunic, vest (bottom):
Measure over a skirt or pants.

(d) Coat:
Measure over a jacket for the top.
Measure over a skirt for the bottom.

(e) Allow extra room if you are lining a garment by using a larger size than for an unlined garment.

# Bodice Pattern Adjustments

Measure up or down from SHOULDER POINT (a) to (X) on TEST BODICE PATTERN to determine how much to raise or lower shoulder point. (Let's assume this to be 3/4" down).

Draw a line through centerfold of DART on TEST BODICE PATTERN extending beyond DART point (dotted line "b"). Measure up or down on straight of pattern from centerfold line to point of bust (X). (Let's assume this to be 1" down).

Measure up or down from WAIST POINT (c) to (X) on TEST BODICE PATTERN to determine how much to raise or lower waist. (Let's assume this to be 1-½" up).

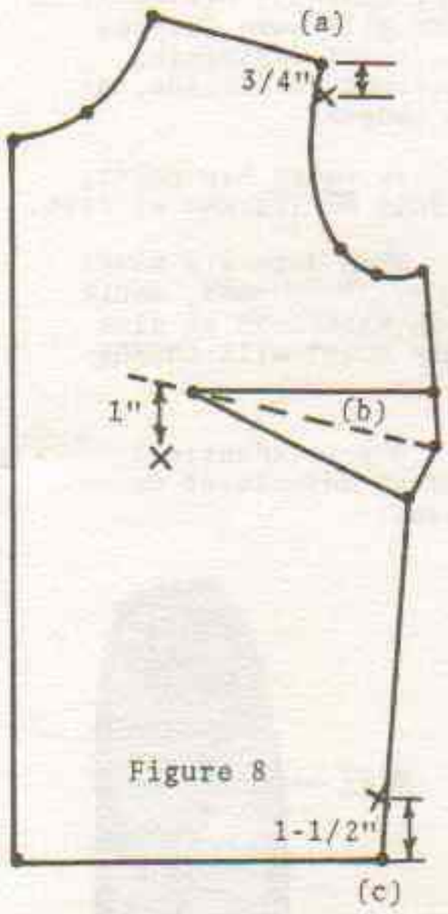



Figure 8

To make these changes you have marked on your TEST BODICE PATTERN, re-draft it, but DO NOT connect the DOTS with LINES. If needed, RAISE or LOWER dots on SHOULDER as indicated, using correction shown on Fig. 9-a and Fig. 9-b. Do the SAME for the DART (10-a and 10-b), and WAISTLINE (11-a and 11-b). If there is more than one correction required, always make all necessary corrections before connecting the dots.

NOTE: Any of the dotted adjustments shown can be made INDEPENDENTLY without interfering with the rest of the fit.

NOTE: At this point it is wise to keep records of any changes made on each of your test patterns.

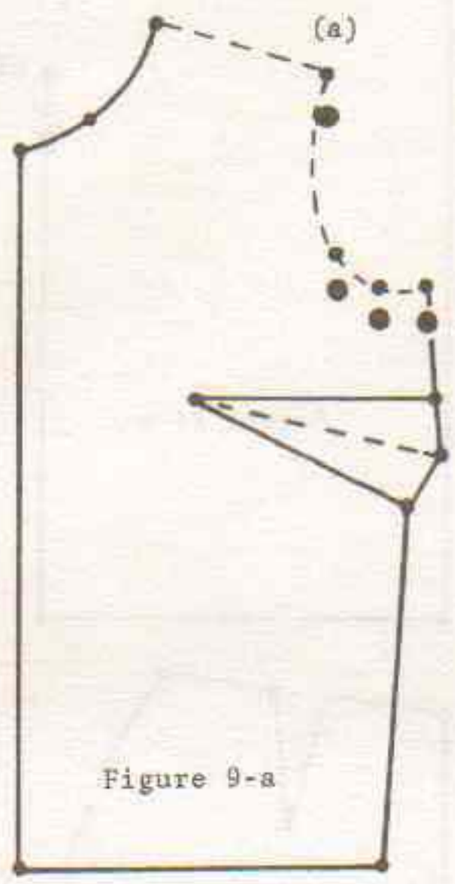



Figure 9-a

On new pattern, drop ALL SMALL DOTS in ARMHOLE CURVE STRAIGHT down 3/4". LARGE DOTS now indicate NEW positioning of armhole.

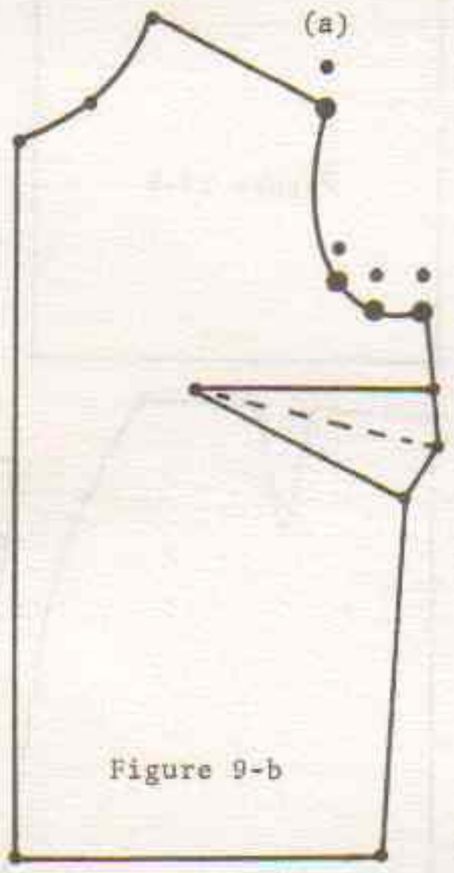



Figure 9-b

When lines are drawn in the pattern connecting NEW DOTS (LARGE), shoulder slope at point of SHOULDER will have dropped 3/4" without disturbing STABLE points at centerfront, neckline and waistline.

NOTE: To raise shoulder level, move dots UP instead of down.

NOTE: Repeat identical shoulder drop on back pattern.

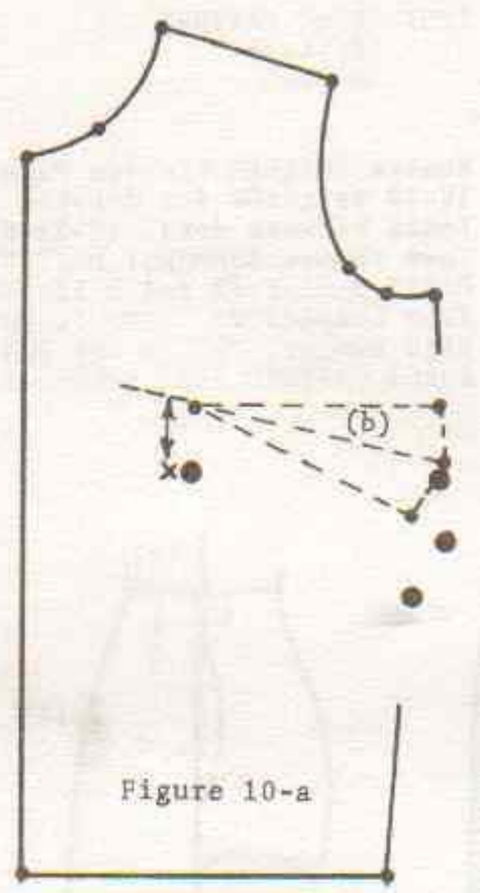



Figure 10-a

On new pattern, drop ALL SMALL DOTS that make up DART STRAIGHT down 1". LARGE DOTS now indicate NEW positioning of dart.

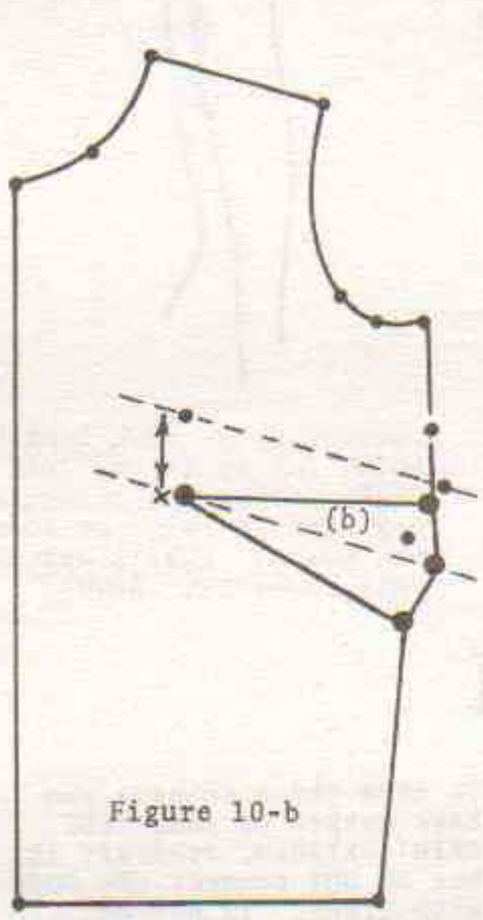



Figure 10-b

When lines are drawn in the pattern connecting NEW DOTS (LARGE), entire DART at all four points will have been dropped 1" and dart will now point CORRECTLY to bust point.

NOTE: Shorten or lengthen DART according to personal taste.

NOTE: To raise dart level, move dots UP instead of down.

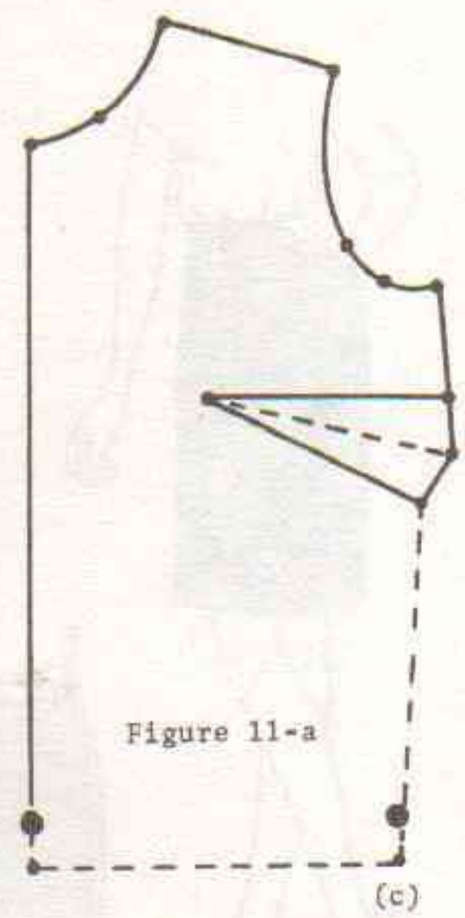



Figure 11-a

On new pattern, raise the TWO SMALL WAIST DOTS STRAIGHT up 1-½". LARGE DOTS now indicate NEW short waistline position.

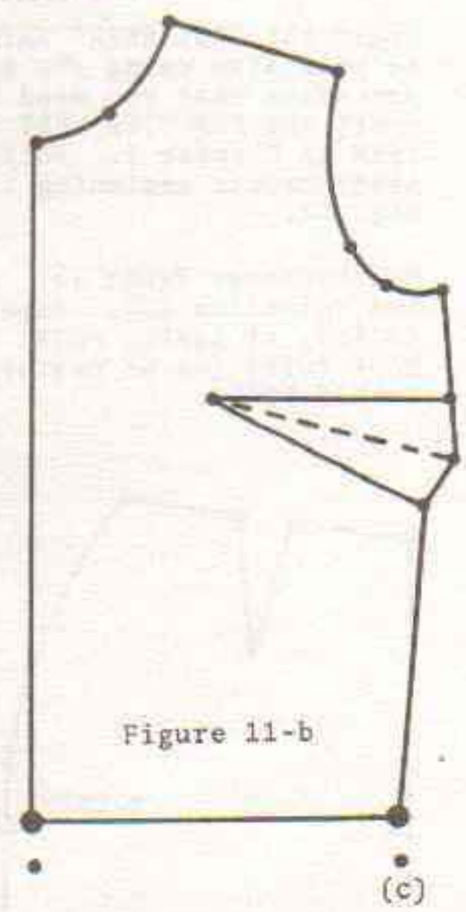



Figure 11-b

When lines are drawn in the pattern connecting NEW DOTS (LARGE), WAIST LENGTH will now be moved up 1-½" and be PROPER length.

NOTE: For LONG waists, lower waistline dots instead of raising.

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between lower corner of DART and WAIST will CHANGE slightly.

NOTE: Repeat identical waist adjustment on back pattern.

# Skirt Pattern Markings and Adjustments

TEST SKIRT PATTERN
(fitted)
M-2146

Remove Pattern Diagram Page IV-40 as guide for drawing lines between dots. (M-2146) Then remove SUNBURST PATTERN PARTS S-31-P-46 and S-32-P-46 from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)

Draft the TEST SKIRT PATTERN to your size using the same procedure that you used to draft the PRACTICE VEST PATTERN in Chapter I. Follow instructions beginning in Fig. 12.

Match center front (3) and waistline (c). Tape to body at STABLE POINT (3) Mark POINT (d) on pattern at HIP POINT.

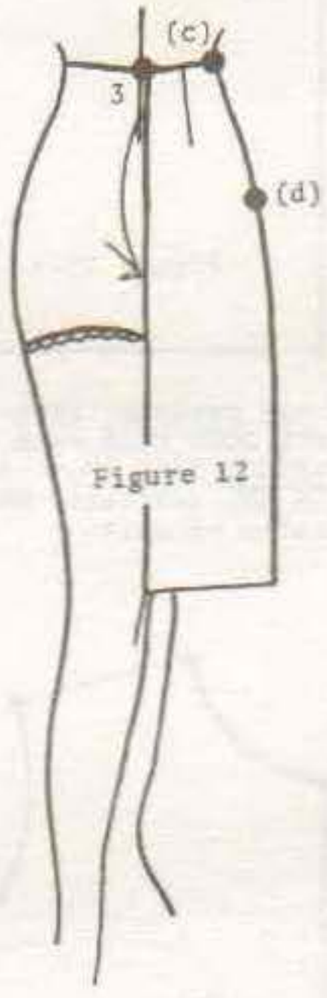



Figure 12

Measure up or down from HIP POINT (d) to (X) on TEST SKIRT PATTERN to determine how much to raise or lower hip point. (Let's assume this to be 1-½" down).

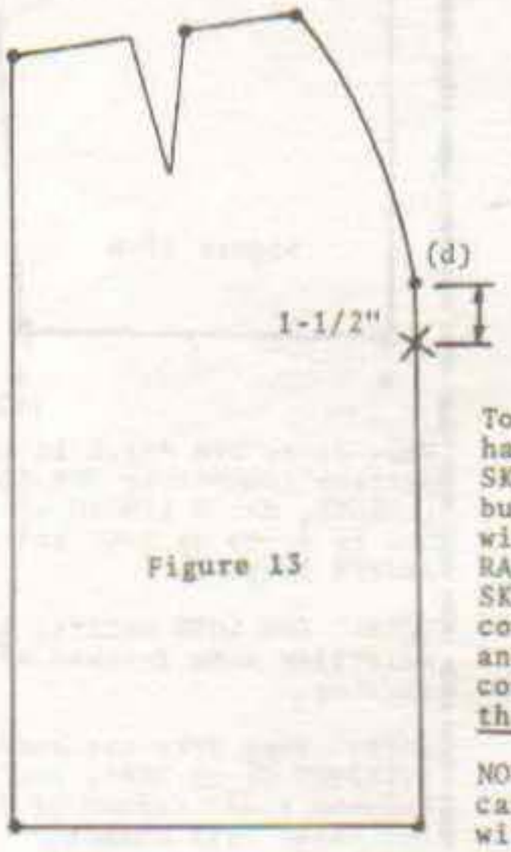



Figure 13

To make these changes you have marked on your TEST SKIRT PATTERN, re-draft it, but DO NOT connect the DOTS with LINES. If needed, RAISE or LOWER hip DOTS on SKIRT as indicated, using correction shown on Fig. 14-a and 14-b. Always make this correction before connecting the dots.

NOTE: Any dotted adjustment can be made INDEPENDENTLY without interfering with the rest of the fit.

NOTE: Mark the record you are keeping with any additional changes made on your skirt pattern.

Figure 14-a

On new pattern, drop small DOT on HIP CURVE STRAIGHT down 1-½". LARGE DOT now indicates NEW positioning of hip point.

Figure 14-b

When lines are drawn in the pattern connecting to the NEW DOT (LARGE), HIP POINT on pattern will have dropped 1-½" without disturbing centerfront, waistline, or skirt length.

NOTE: To raise hip point, move dots UP instead of down.

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between WAISTLINE at side and HIP POINT will CHANGE slightly.

NOTE: Repeat identical hip point adjustment on back pattern.

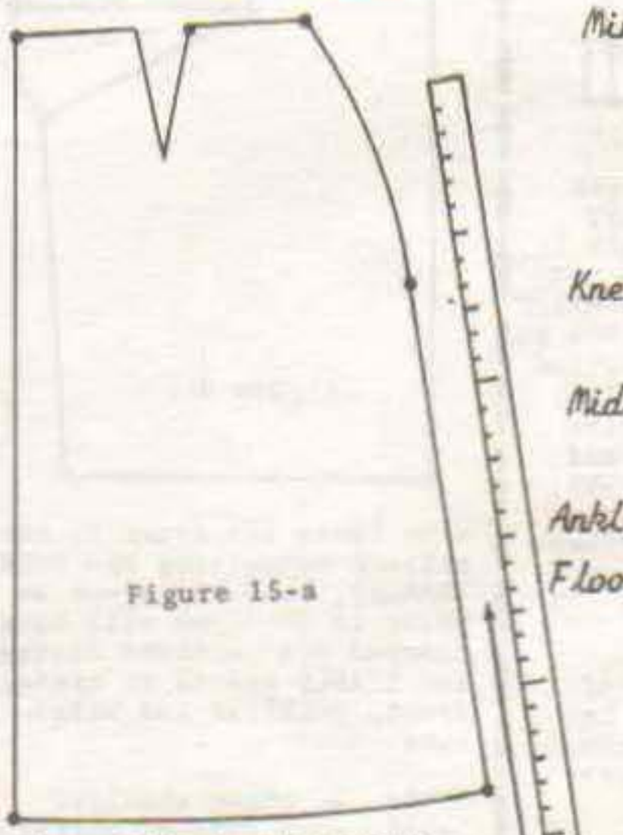


Figure 15-a

Move DOTS in HEMLINE UP or DOWN to length desired. Move DOTS in SAME DIRECTION as ANGLE of skirt SIDE and FRONT. Make NEW DOTS and connect with yardstick.

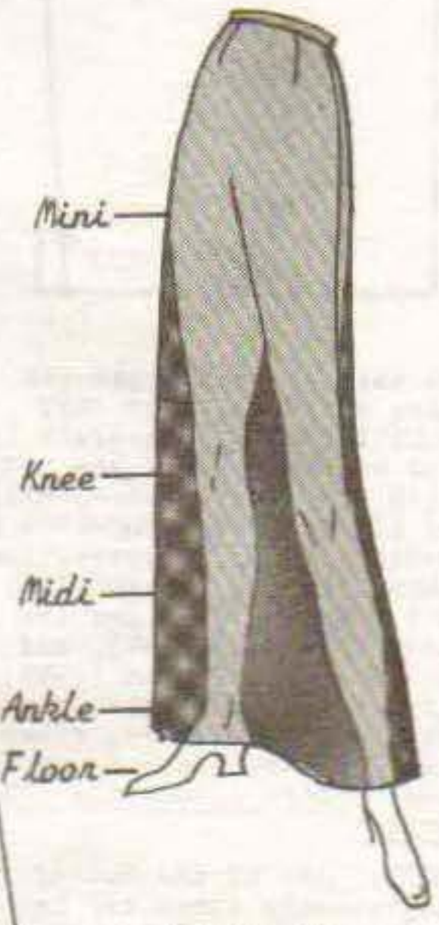
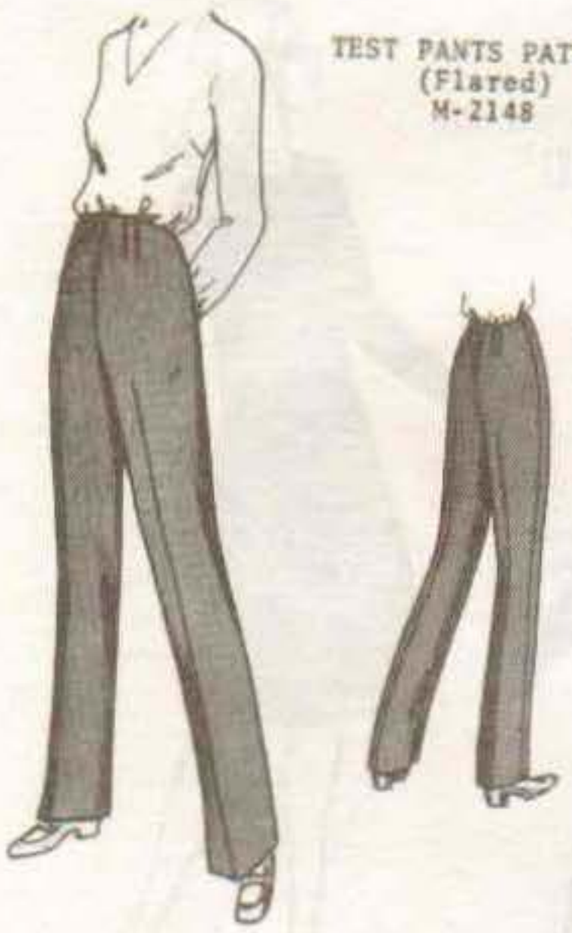



Figure 15

Adjust length to suit taste according to the above diagram by moving hemline DOTS up or down as shown in Fig. 15-a.

# Pant Pattern Markings and Adjustments

Remove Pattern Diagram IV-40 as guide for drawing lines between dots. (M-2148) Then remove SUNBURST PATTERN PARTS S-419-P-59 and S-420-P-59 from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)



TEST PANTS PATTERN
(Flared)
M-2148

Draft the TEST PANTS PATTERN to your size using the same procedure that you used to draft the PRACTICE VEST PATTERN in Chapter I. Follow in-structions beginning in Fig. 16.

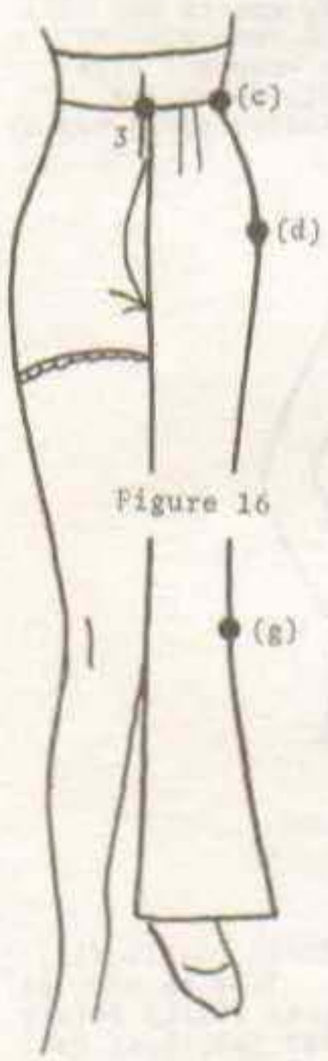



Figure 16




Match center front (3) and waistline (c). Tape to body at STABLE POINT (3). Mark POINT (d) on pattern at HIP POINT. Then mark POINT (g) on pattern at KNEE POINT.

Sit on straight chair and measure from waist to chair seat at side. Add 3/4". This should be same as waist to CROTCH on pants pattern.

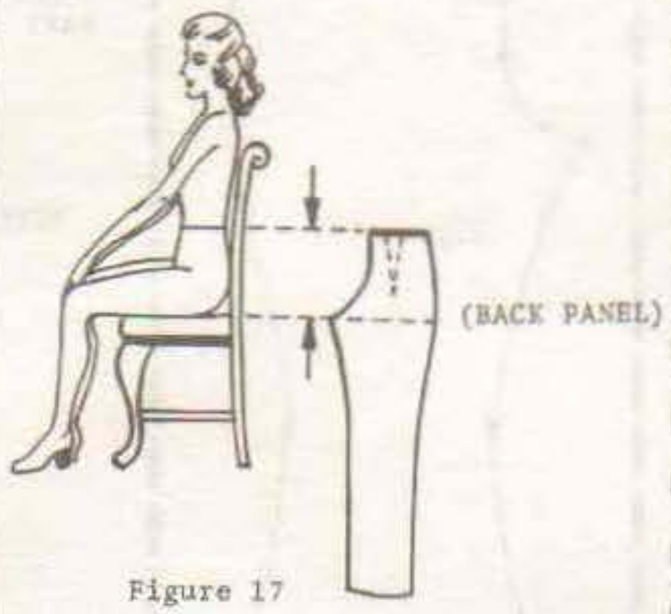



Figure 17

Measure up or down from CROTCH POINT (h) to (X) on TEST PANTS PATTERN tp determine how much to raise or lower crotch point. (Let's assume this to be 1½" down).

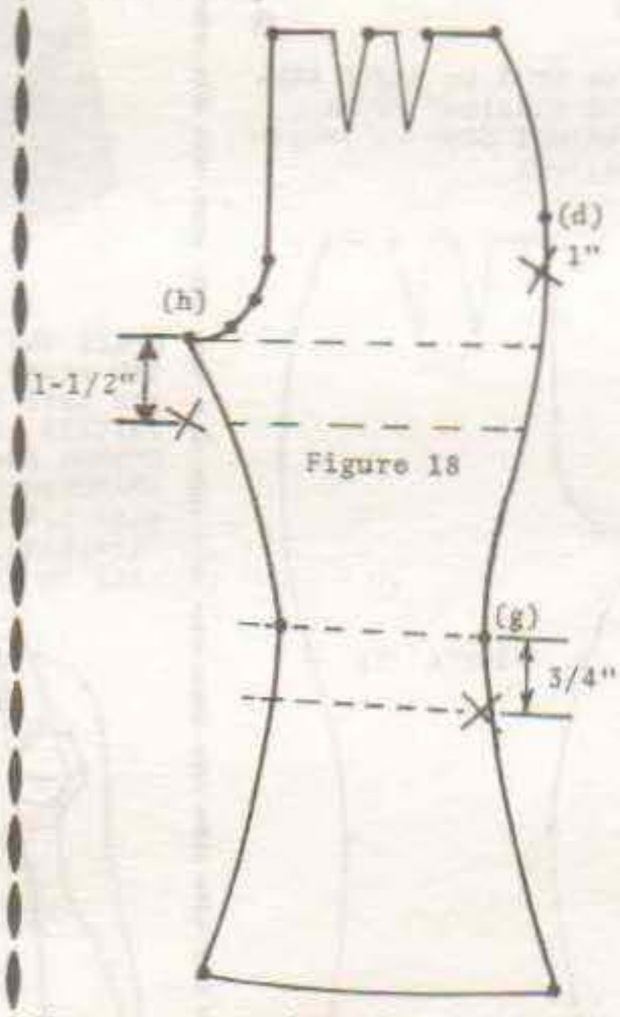
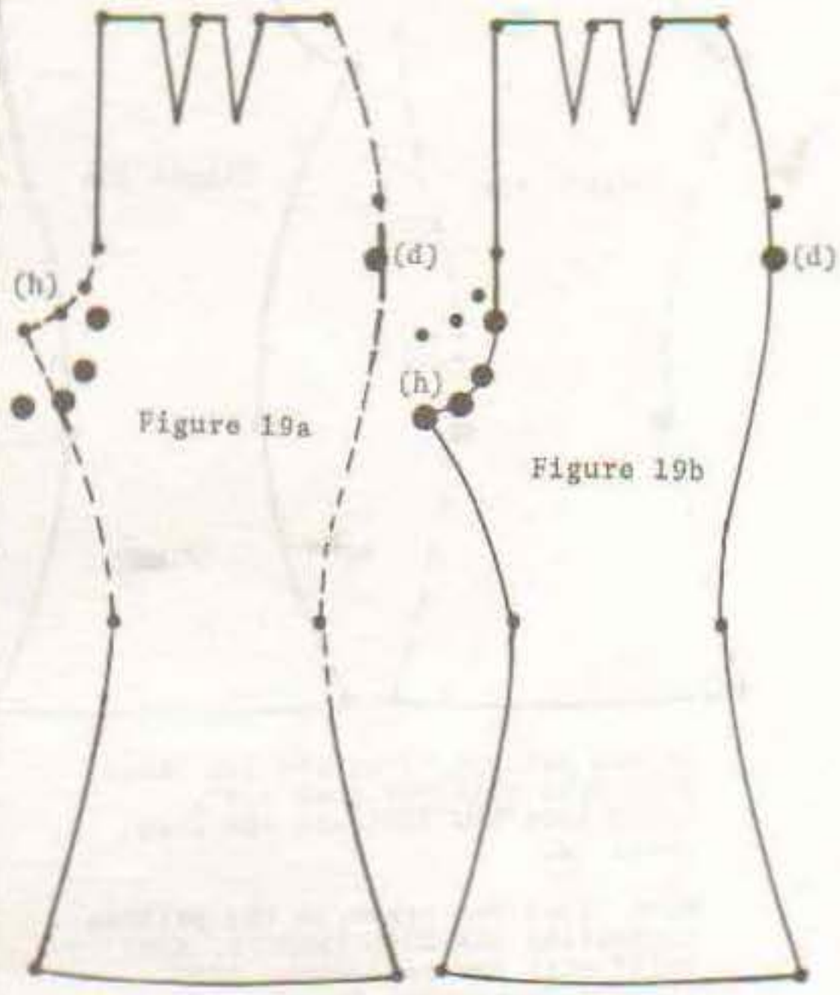



Figure 18

Measure up or down from HIP POINT (d) to (X) on TEST PANTS PATTERN to determine how much to raise or lower hip point. (Let's assume this to be 1" down.)

Measure up or down from KNEE POINT (g) to (X) on TEST PANTS PATTERN to determine how much to raise or lower knee point. (Let's assume this to be 3/4" down)

To make these changes you have marked on your TEST PANTS PATTERN, re-draft it, but DO NOT connect the DOTS with LINES. If needed, RAISE or LOWER dots in CROTCH as indicated, using correction shown in Fig. 19-a and Fig. 19-b. Do the SAME for the HIP POINT (19-a and 19-b), and KNEE POINT (20-a and 20-b). If there is more than one correction required, always make all necessary corrections before connecting the dots.




On new pattern, drop small DOTS in CROTCH STRAIGHT DOWN 1½". LARGE DOTS now indicate NEW length of crotch. Drop small DOT on HIP CURVE STRAIGHT DOWN 1". LARGE DOT now indicates NEW positioning of hip point.

When lines are drawn in the pat-tern connecting NEW DOTS (LARGE), CROTCH LENGTH will now be dropped 1½", and HIP POINT on pattern will have dropped 1" without disturbing centerfront, waistline, or pants leg length.

NOTE: To raise crotch or hip point, move dots UP instead of down.

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between WAISTLINE at side and HIP POINT will CHANGE slightly, and ANGLE between CROTCH POINT and KNEE will change slightly.

NOTE: Repeat identical hip point and crotch adjustment on front pattern.

NOTE: Any dotted adjustment can be made INDEPENDENTLY without interfer-ing with the rest of the fit.

NOTE: Mark the record you are keep-ing with any additional changes made on your pants pattern.

# Dress Pattern Markings

Figure 20a

Figure 20b

(g)

(g)

On new pattern, drop the TWO SMALL KNEE DOTS STRAIGHT DOWN 3/4". LARGE DOTS now indicate NEW knee position.

When lines are drawn in the pattern connecting NEW DOTS (LARGE), KNEE POINT will now be dropped 3/4" without disturbing length of pant leg.

NOTE: To raise knee point, move dots UP instead of down.

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between CROTCH POINT and KNEE and between HIP POINT and KNEE will change slightly. ANGLE between KNEE and bottom of pant leg will also change slightly.

NOTE: Repeat identical knee point adjustment on back pattern.

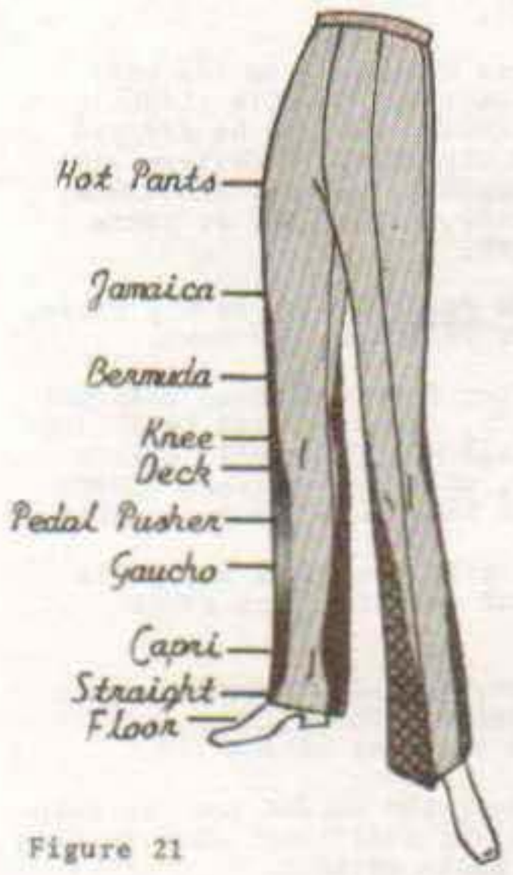



Figure 21

Adjust length to suit taste according to the above diagram by moving pants hemline DOTS up or down as shown in Fig. 22-a.

Figure 22a

Move DOTS in PANTS HEMLINE STRAIGHT UP or STRAIGHT DOWN to length desired.

Figure 22b

Connect with KNEE POINT (g)

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between KNEE POINT and pants HEMLINE on both sides will CHANGE slightly.

NOTE: Repeat identical length adjustment on back pattern.

Remove Pattern Diagram IV-40 as guide for drawing lines between dots. (M-2147) Then remove SUNBURST PATTERN PARTS S-53-P-2 and S-54-P-2 from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)

TEST DRESS PATTERN
(A-Line)
M-2147

Draft the TEST DRESS PATTERN to your TWO sizes using the SAME procedure that you used to draft the PRACTICE VEST PATTERN in Chapter I, except you will CHANGE the setting of your SUNBURST MEASUREMENT GUIDE to your HIP size when you draw all DOTS below the waistline. Follow instructions beginning in Fig. 23.

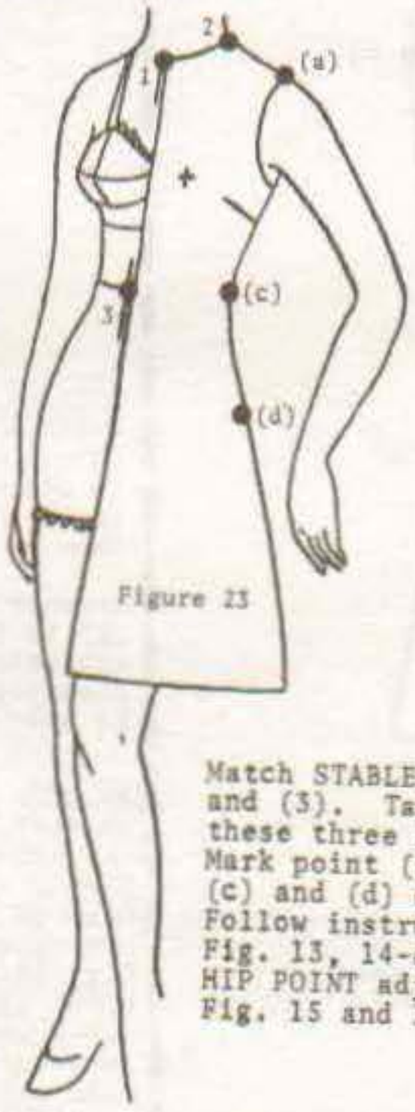



Figure 23

Match STABLE POINTS (1), (2) and (3). Tape to body at these three STABLE POINTS. Mark point (a), bust (x), (c) and (d) on pattern. Follow instructions found in Fig. 13, 14-a and 14-b for HIP POINT adjustment, and Fig. 15 and 15-a for LENGTH.

# Dress Pattern Adjustments

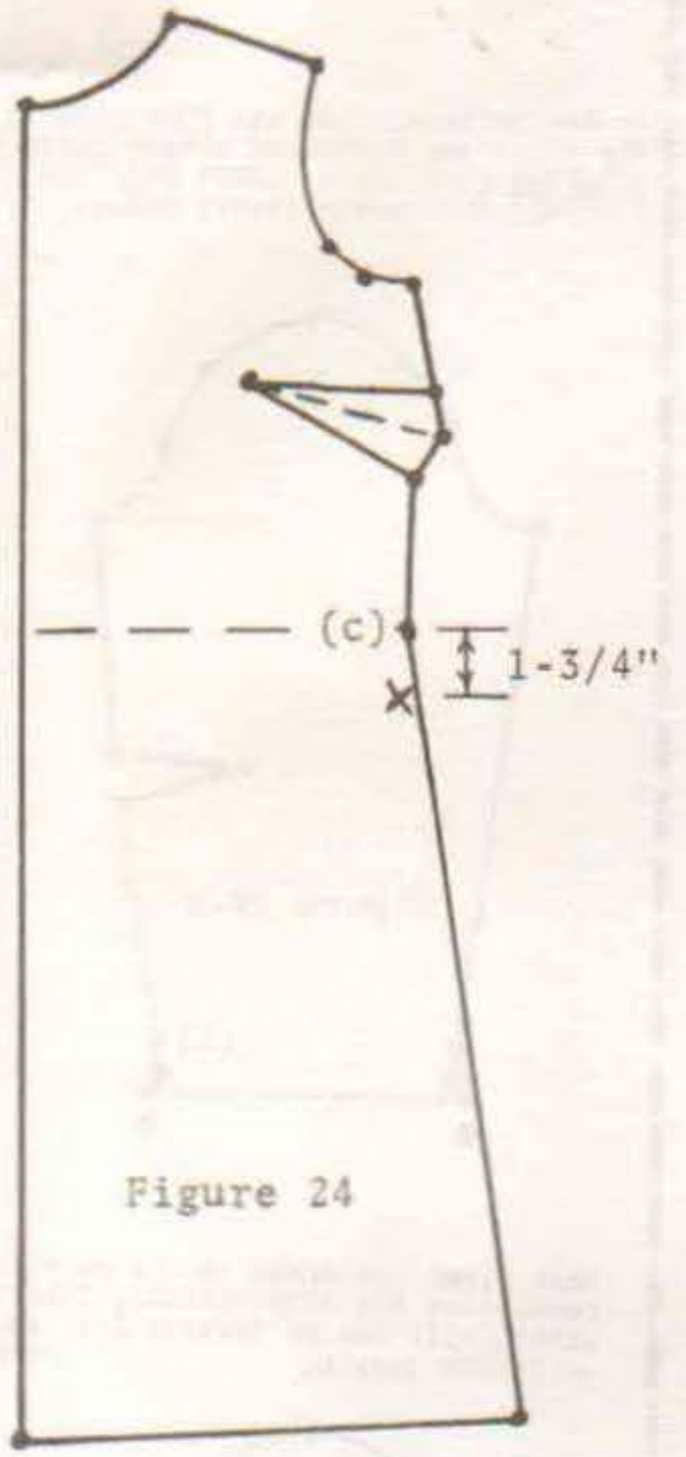



Figure 24

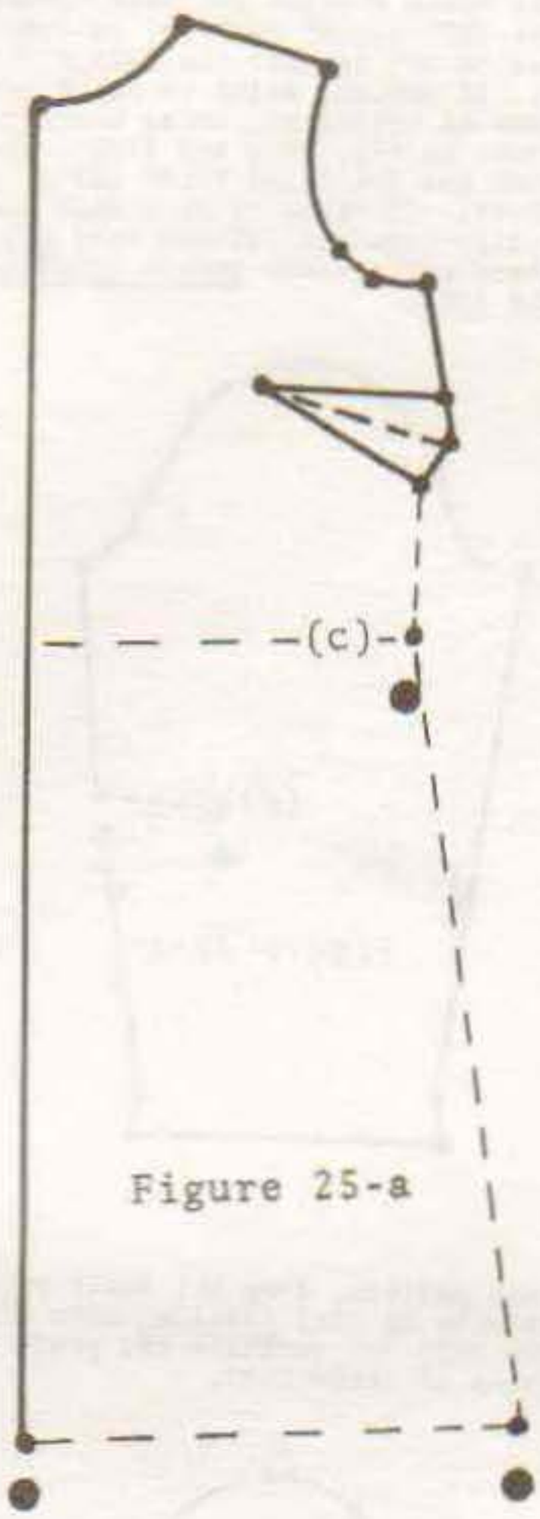



Figure 25-a

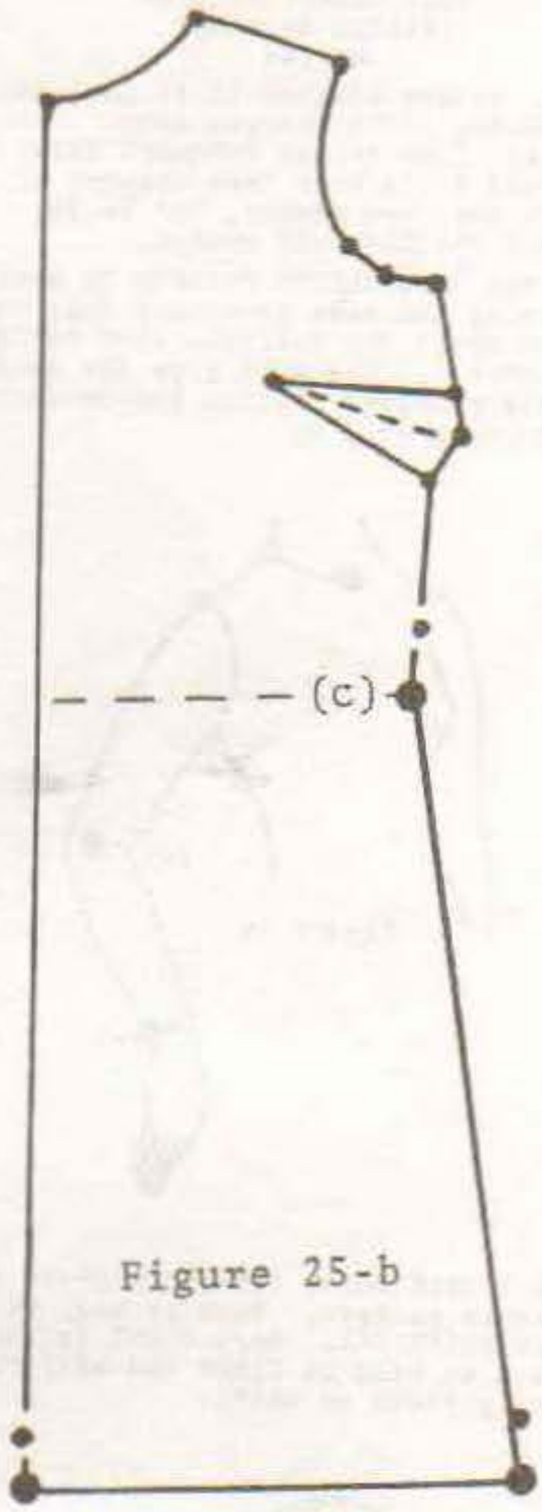



Figure 25-b

Measure up or down from WAIST POINT (c) to (X) on TEST DRESS PATTERN to determine how much to raise or lower waist. (Let's assume this to be 1-3/4" down).

To make any changes you have marked on your TEST DRESS PATTERN, re-draft it, but DO NOT connect the DOTS with LINES. If needed, RAISE or LOWER dots on SHOULDER as marked, using correction shown on Fig. 9 and 9-b. Do the SAME for the DART (10-a and 10-b), and WAISTLINE (25-a and 25-b). Also make HIP POINT correction if necessary. (See Fig. 14-a & 14-b). If there is more than one correction required, always make all corrections before connecting the dots.

NOTE: Any of the dotted adjustments shown can be made INDEPENDENTLY without interfering with the rest of the fit.

NOTE: Mark the record you are keeping with any additional changes made on your dress pattern.

On new pattern, drop ALL SMALL DOTS in WAISTLINE STRAIGHT down 1-3/4". LARGE DOTS now indicate NEW length of waistline.

When lines are drawn in the pattern connecting NEW DOTS (LARGE), WAIST LENGTH will now be moved down 1-3/4" and be proper length.

NOTE: For SHORT waists, raise waistline dots instead of lowering.

NOTE: When dots are moved STRAIGHT DOWN or UP, ANGLE BETWEEN lower corner of DART and WAIST will CHANGE slightly. ANGLE between WAIST and HIP POINT will ALSO CHANGE slightly.

NOTE: Repeat identical adjustments on back pattern.

# Sleeve Pattern Markings and Adjustments

TEST SLEEVE PATTERN
(Fitted Turn-Up)
M-2144

Remove Pattern Diagram IV-40 as guide for drawing lines between dots. (M-2144) Then remove SUNBURST PATTERN PART S-614-P-66 from Chapter V. ("P" is for page number, "S" is for SUNBURST PATTERN PART number.)

Draft the TEST SLEEVE PATTERN to your size using the same procedure that you used to draft the PRACTICE VEST PATTERN in Chapter I. Use BUST size for drafting this pattern. Follow instructions beginning in Fig. 26.

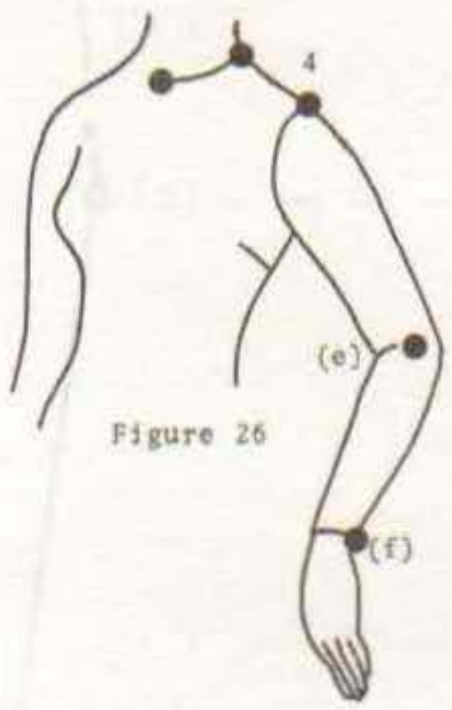



Figure 26

Match STABLE POINT (4) and highest point of sleeve pattern. Tape to body at STABLE POINT (4). Mark POINT (e) on pattern at bend in ELBOW and mark POINT (f) on pattern at WRIST.

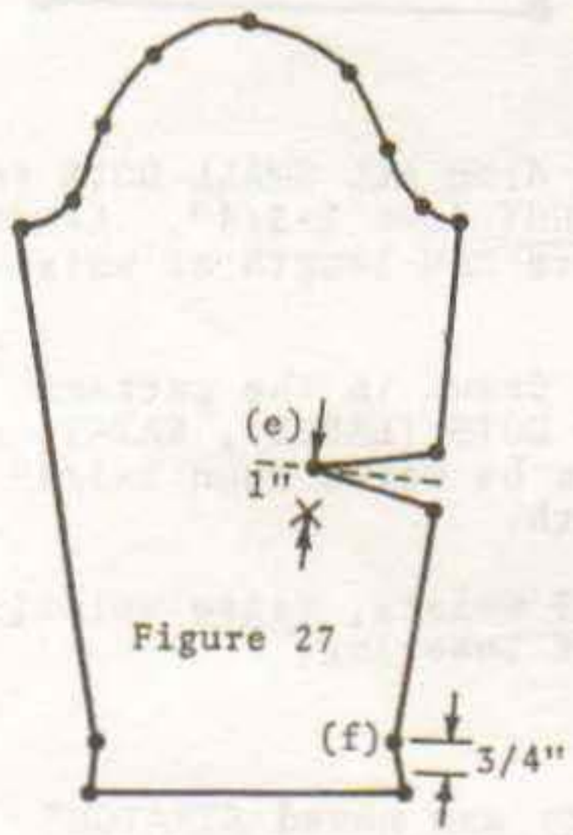



Figure 27

Measure up or down from ELBOW POINT (e) to (X) on TEST SLEEVE PATTERN to determine how much to raise or lower elbow point. (Let's assume this to be 1" down)

Measure up or down from WRIST POINT (f) to (X) on TEST SLEEVE PATTERN to determine how much to raise or lower wrist point. (Let's assume this to be 3/4" down.)

To make these changes you have marked on your TEST SLEEVE PATTERN, re-draft it, but DO NOT connect the DOTS with LINES. If needed, RAISE or LOWER dot at ELBOW as indicated, using correction shown in Fig. 27-a and 27-b. Do the SAME for the WRIST POINT (28-a and 28-b). If there is more than one correction required, always make all necessary corrections before connecting the dots.

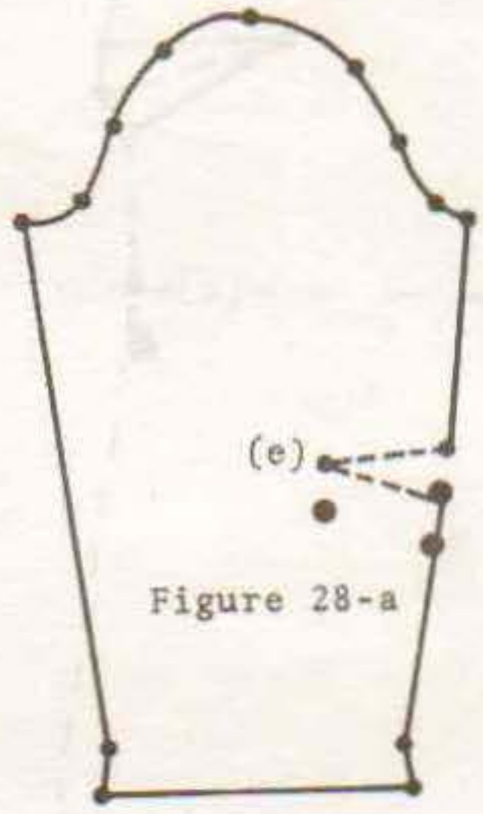



Figure 28-a

On new pattern, drop ALL SMALL DOTS that make up DART STRAIGHT down 1". LARGE DOTS now indicate new positioning of ELBOW DART.

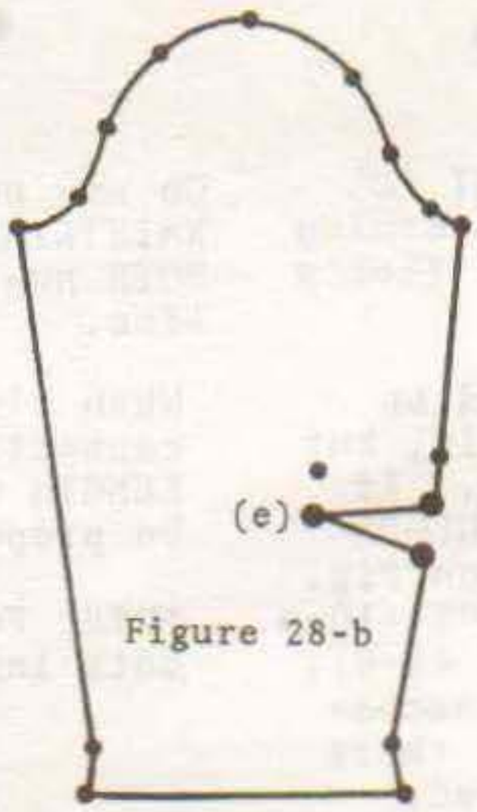



Figure 28-b

When lines are drawn in the pattern connecting NEW DOTS (LARGE), entire DART at all points will have been dropped 1" and elbow point will now be in correct position.

NOTE: To raise dart level, move dots UP instead of down.

On new pattern, drop all FOUR DOTS at the wrist and bottom of sleeve pattern STRAIGHT DOWN 3/4". LARGE DOTS now indicate NEW longer sleeve point.

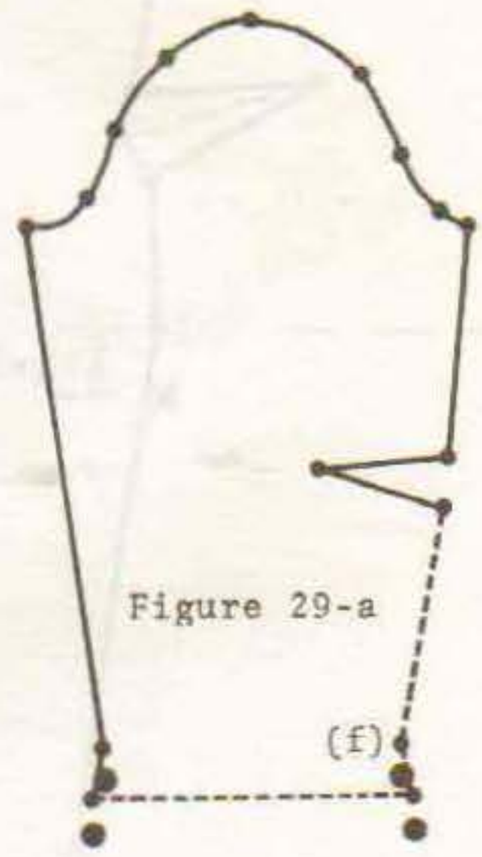



Figure 29-a

When lines are drawn in the pattern connecting NEW DOTS (LARGE), SLEEVE LENGTH will now be lowered 3/4" and be PROPER length.

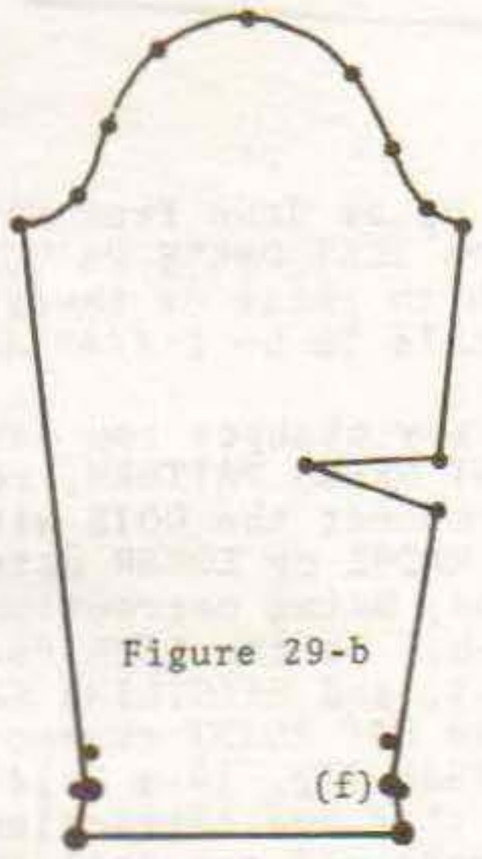



Figure 29-b

NOTE: For SHORTER sleeve length, raise WRIST dots instead of lowering.

NOTE: When dots are moved STRAIGHT UP or DOWN, ANGLE between lower curve of sleeve cap and dart will CHANGE slightly and ANGLE between lower part of dart and wrist will CHANGE slightly.

# For the Seamstress who wants to get the PERFECT FIT!

The following procedure is for the perfectionist.

When drafting your front pattern, make a duplicate so that you have two identical patterns. Follow the same procedure when drafting the back pattern. Using the fitting techniques shown in this chapter, fit one of the front patterns to the left side of your body and the other front pattern to the right side of your body. In both left and right patterns, use the same stable points. (Page II-1, Fig. 2-A.)

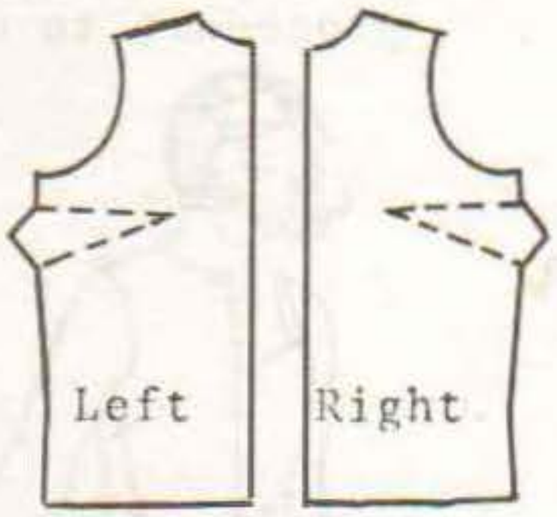



Figure 30

Don't forget, any changes made on front patterns are required on matching back patterns. If finished garment does not have seam down center front or center back, you must tape your two front patterns together at center front and your two back patterns at center back. Cut on single thickness of material.

For any unevenness in the body, both front and back will now be correctly fitted.

NOTE: For FINAL TEST FIT, make a shell of EACH TEST PATTERN from scrap material. (Be sure to allow SEAM ALLOWANCE. Your pattern is drafted to the SEWING LINE only).

# Figure Problems

It is suggested that the STOUT figure and the LARGE BUST figure use the following TEST PATTERNS as these have been designed to give a better fit to these figures.

| | | |
|---|---|---|
| MODEL 2124 | DIAGRAM M-2124 | BODICE Pattern S-217-P-18 |
| Page III-41 | Page IV-36 | S-218-P-18 |
| | | SKIRT Pattern S-325-P-47 |
| | | S-326-P-47 |
| | | SLEEVE Pattern S-628-P-67 |

EXTRA LARGE BUSTS

Fit the pattern to shoulder width as suggested in note beside Fig. 6, Page II-2. Then take LARGE BUST ADJUSTMENT found in any good sewing book.

ONE HIP APPRECIABLY LARGER

See Fig. 30, 31, 32, 33-a and 33-b. Move dot at hip point out to proper position as shown. Move waist dot, if necessary. Now, move HEMLINE dot out same amount as you moved the HIP dot in order to maintain PROPORTION of pattern.

ATTENTION STOUT FIGURES:

In many cases, when a person gains an excessive amount of weight, the body's proportions will become slightly unbalanced. If this is your problem, you will already know it. We suggest the following procedure to overcome it.

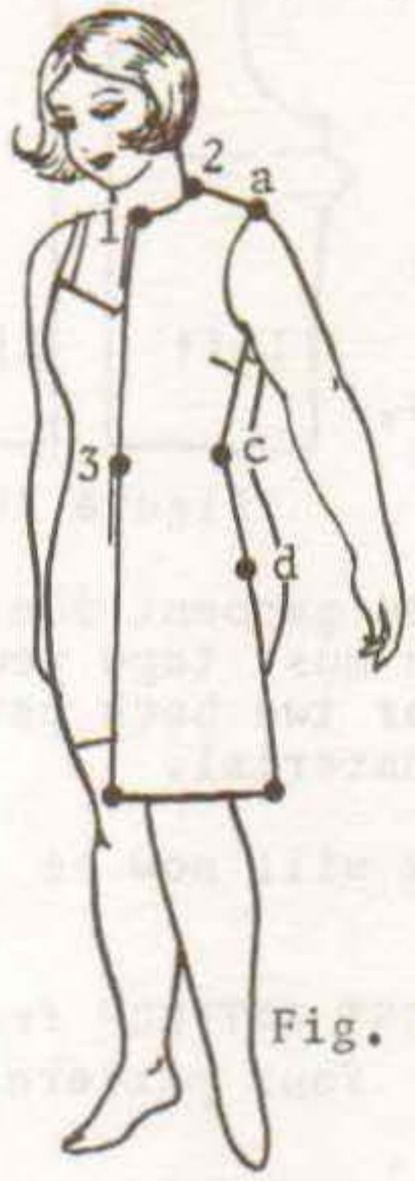



Fig. 31

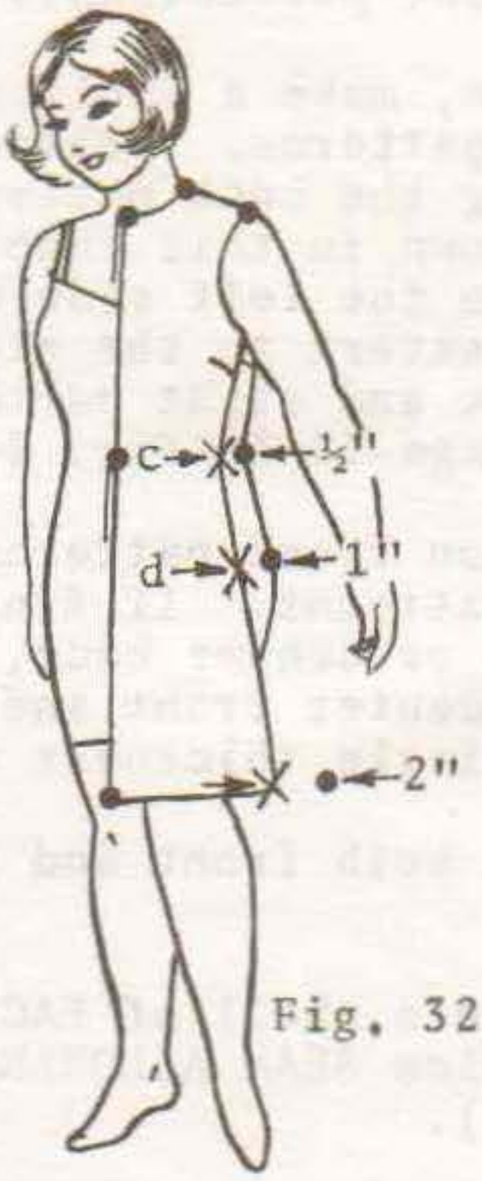



Fig. 32

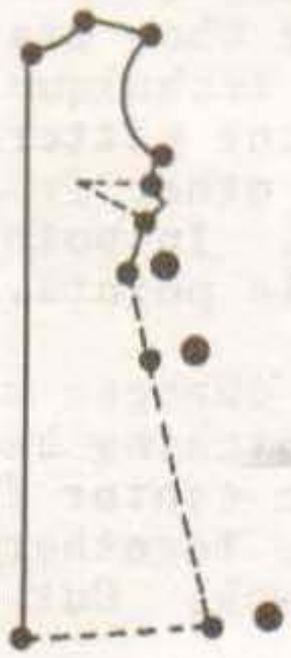


Fig. 33-a

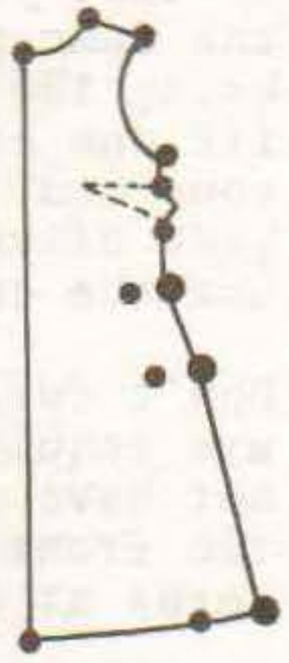


Fig. 33-b

Mark body as suggested in Fig. 2-A on Page II-1.

Match STABLE POINTS (1), (2) and (3). Tape to body at these three STABLE POINTS.

Then measure out from (X) on pattern at WAIST-LINE to BODY MARKING (c) if needed. (Let's assume this to be 1/2".) Also measure out from (X) on pattern at HIP POINT to BODY MARKING (d). (Let's assume this to be 1".) Next, measure out from (X) on pattern at LENGTH DESIRED to WIDTH at HEMLINE to maintain PROPORTION shown on PATTERN DIAGRAM. (Let's assume this to be 2".) See Fig. 32.

To make these changes you have marked on your pattern, re-draft it, but DO NOT connect the DOTS with LINES. Use corrections shown above in Fig. 33-a and Fig. 33-b. On new pattern, move WAIST-LINE DOT STRAIGHT out 1/2", move HIP POINT DOT STRAIGHT out 1", and move LENGTH DOT at HEMLINE STRAIGHT out 2". LARGE DOTS now indicate NEW positioning of WAIST, HIP POINT, and WIDTH at HEMLINE. (Fig. 33-a) When lines are drawn in the pattern connecting NEW DOTS (LARGE), WAIST, HIP, and HEMLINE WIDTH will be of sufficient circumference to fit. Your pattern is now in perfect PROPORTION. (Fig. 33-b)

## *Special Note*

The DOTTED ADJUSTMENTS shown here and in CHAPTER II correct any NORMAL fitting problems. For ABNORMAL PROBLEMS, use adjustments found in any good sewing book.

ATTENTION VERY TINY FIGURES:

The above correction can be used in reverse to correct problems in skirts of one-piece dresses by moving the dots IN instead of out.

# Chapter III

# Choose your SUNBURST fashion.


How to select the SUNBURST pattern diagrams and SUNBURST pattern parts to make your garment .....III-ii

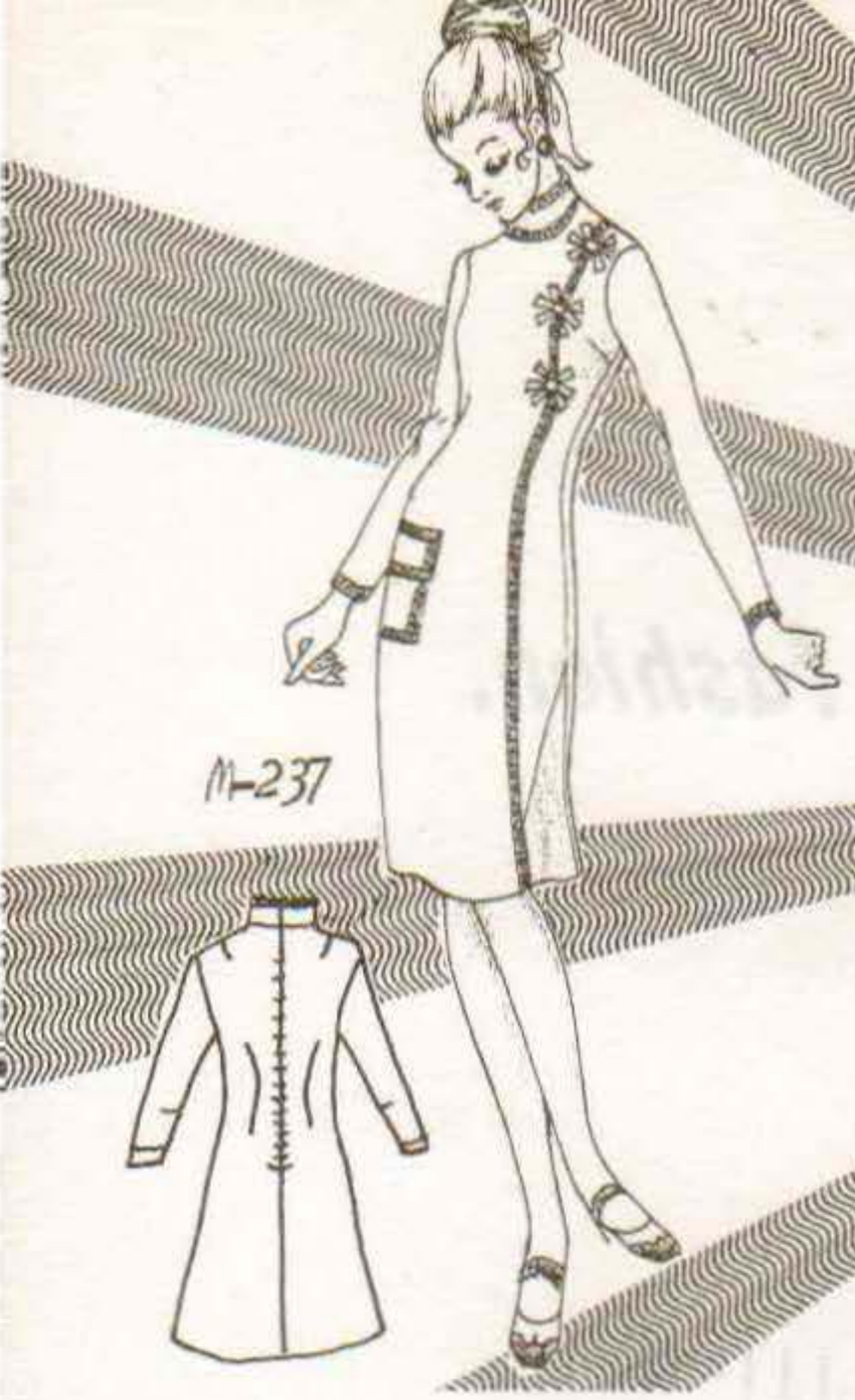
Lines that flatter your figure .....III-1

FASHION SILHOUETTES.....III-2

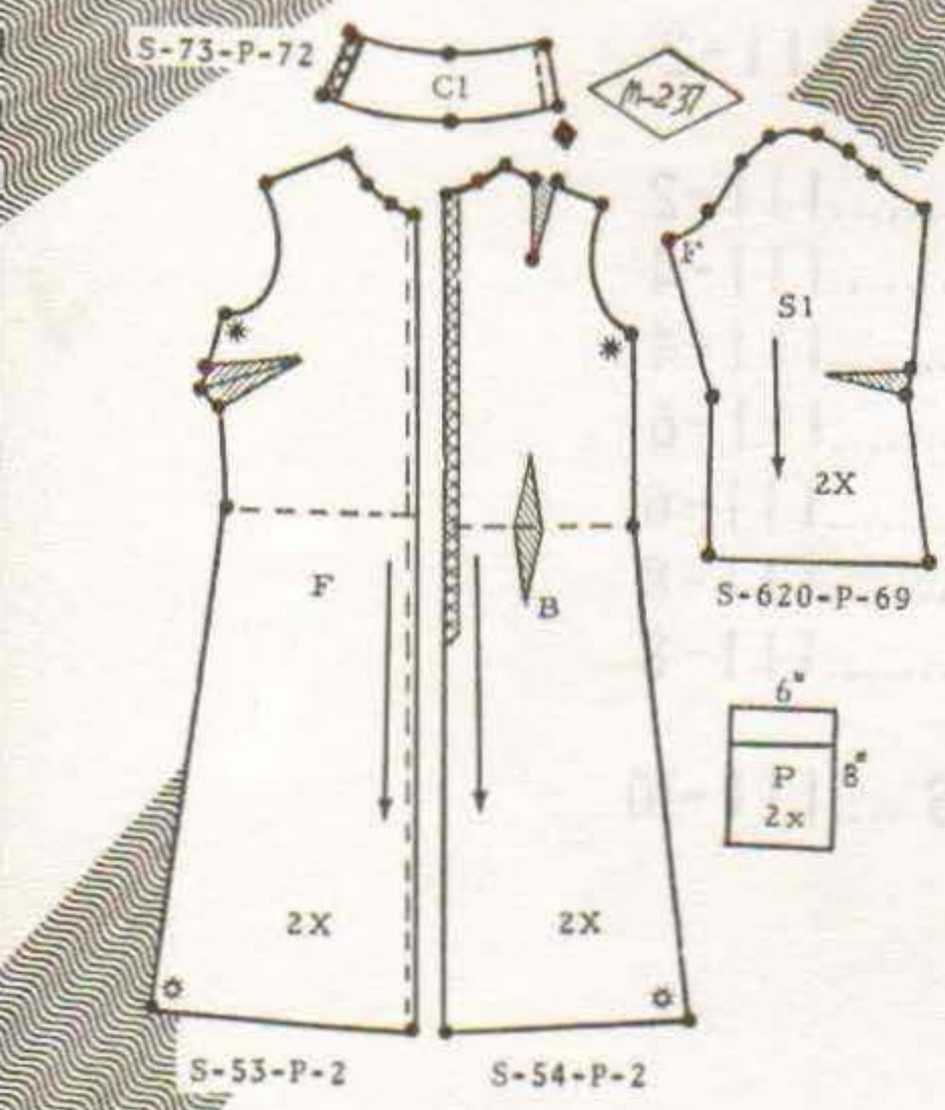
Dress Silhouettes.....III-2
Necklines.....III-4
Collars.....III-4
Sleeves.....III-6
Pants.....III-6
Jackets.....III-8
Skirts.....III-8

SUNBURST FASHION MODELS....III-10

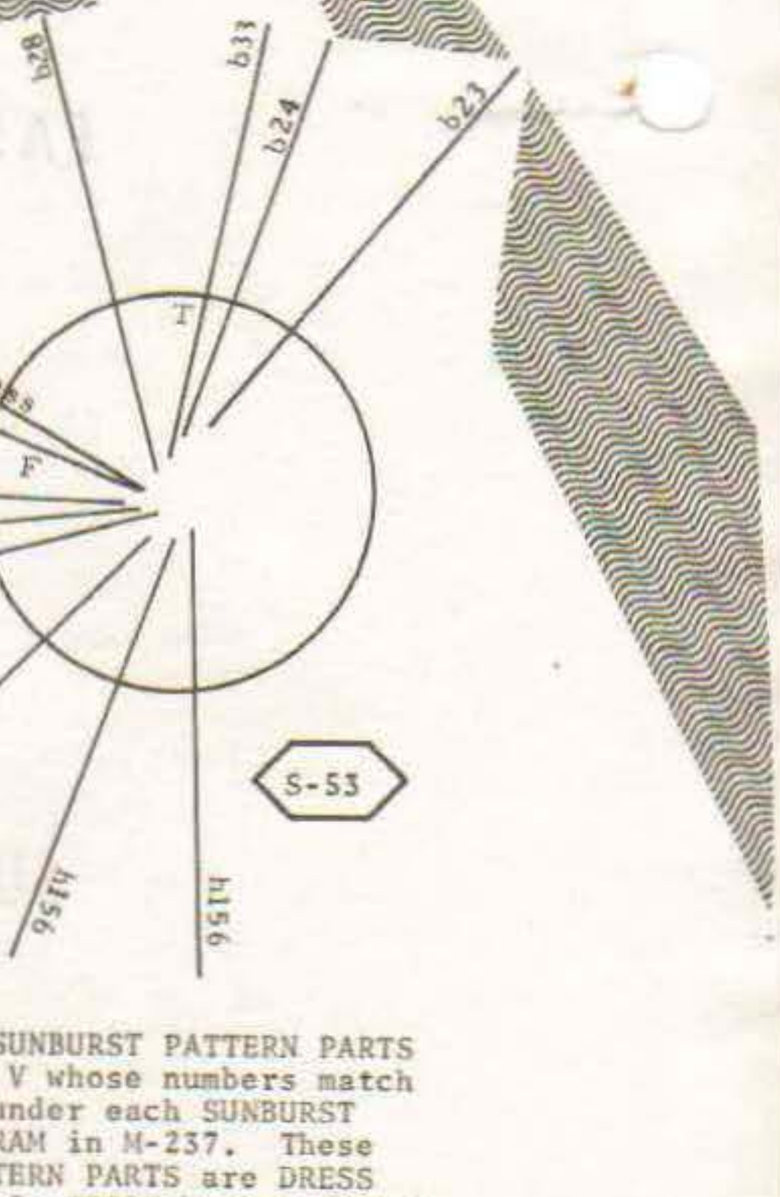
# How to select the SUNBURST pattern diagrams and SUNBURST pattern parts to make your garment




**1** Choose your SUNBURST FASHION MODEL. (Above model on Page III-17. All models are numbered consecutively.)




**2** Remove the PATTERN DIAGRAM in Chapter IV whose number matches the SUNBURST FASHION MODEL. (Above diagram matches fashion model on this page and is found on Page IV-14.)




**3** Select four SUNBURST PATTERN PARTS from Chapter V whose numbers match those shown under each SUNBURST PATTERN DIAGRAM in M-237. These SUNBURST PATTERN PARTS are DRESS front S-53-P-2, DRESS back S-54-P-2, SLEEVE S-620-P-69, and COLLAR S-73-P-72.

To make your pocket, use the dimensions shown on your SUNBURST PATTERN DIAGRAM in M-237.

# Lines that flatter YOUR FIGURE.

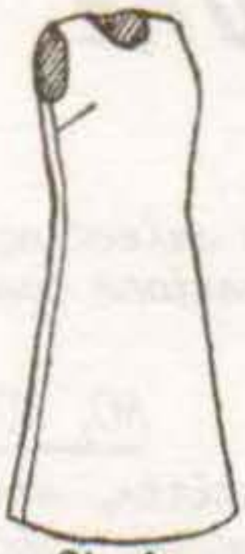
The FASHION SILHOUETTES on the following pages will guide you in selecting styles in the lines that you know are flattering to your figure. Suggestions for certain figure problems are shown below.

| | YES, YES | NO, NO |
|---|---|---|
| LARGE HIPS | Create horizontal lines of illusion at the neck and shoulders by using color bands or strips of trim to bring interest away from hips and up to face. | Tight skirts, short jackets, overblouses, cuffs at hip-line. |
| LARGE BUST | V-neckline or wrap. Long or 3/4 length sleeves. | Round or horizontal necklines. |
| LARGE RIB CAGE | Semi-shift, A-line, shift, hip length jackets or dresses with low waistline. | Tight midriff styles. Fitted garments. |
| SHORT NECK | U, V, Collarless necklines. Collars fitting these necklines. | Turtlenecks. High necklines. High collars. |
| SHORT WAIST | Jackets and overblouses, hip length, yoked skirt, one-piece dresses. | Waist interest, belts, tight and full skirts. |
| LARGE ABDOMEN | Boxy long jackets, A-line or shift. Add any fullness or trim in the side of your garment, creating a straight, smooth front. | Fitted styles. |
| LARGE DIERRIER | Hip length jackets and tunics, not fitted, gathered waistline, flared and box pleated skirts. | Tight skirts. Any style that draws the eye to the back, waist or hipline. |
| SMALL BUST | Draped bodices, gathered waists, decorative details at neckline. | Extremely high or low necklines, plain bodice. |
| LONG WAIST | Contrast at waist, wide midriffs and sashes, long jackets and tunics. | Short skirts. |
| ROUND SHOULDERS | Use blouse or dress with soft fullness at back. Boleros and jackets with collars. | Necklines without collars, raglan and kimono sleeves. |
| NARROW SHOULDERS | Set-in sleeves. | Dolman, raglan, kimono. |
| HEAVY-SET FIGURES | Wear basic styles and dark colors, fabrics that are not busy. | Large prints or plaids. Horizontal stripes. |

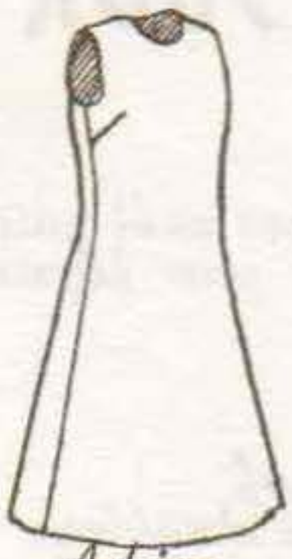
NOTE:
Exhaustive information on this subject will be covered in our SUNBURST DESIGN SUPPLEMENT. (See Chapter IV for information on how to order).

# FASHION SILHOUETTES

## Dress Silhouettes

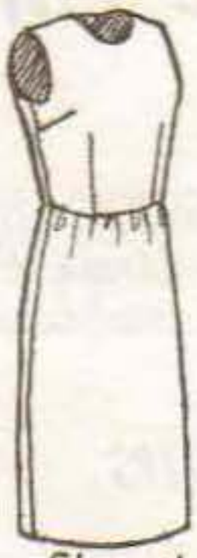


Shift



A-Line

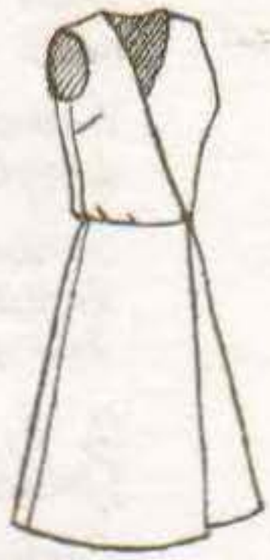
Sheath



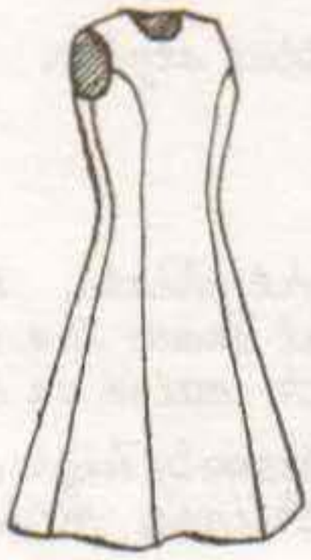
Sheath

Empire

Blouson

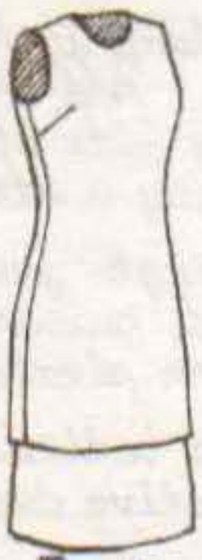


Wrap

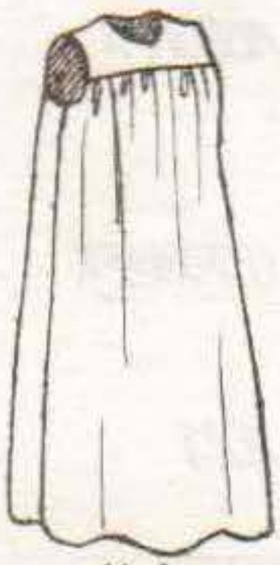


Princess

Shirtwaist

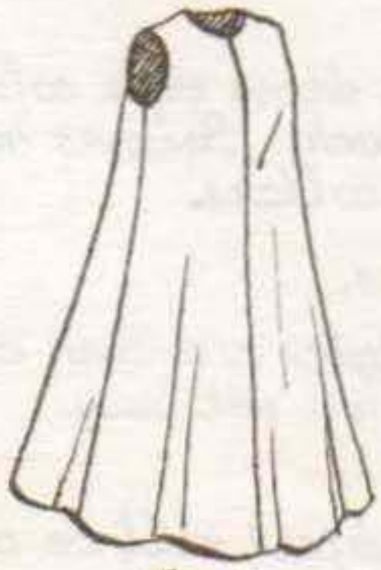


Tunic



Yoke

Raised Waist



Tent

Low Waist

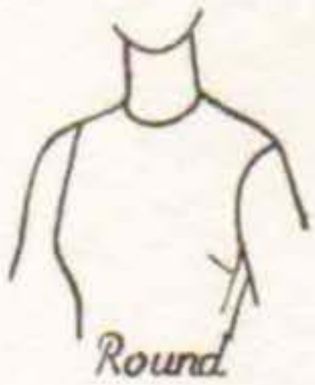
# Dress Silhouettes

(14 Types)

| | | |
|---|---|---|
| 1. | SHIFT | M-23, M-24, M-219, M-223, M-225, M-228, M-231, M-233, M-236, M-262, M-269, M-275, M-2107, M-2121, M-2126, M-2128, M-2132, M-2134, M-2135, M-2142. |
| 2. | A-LINE | M-216, M-221, M-224, M-229, M-237, M-251, M-254, M-259, M-265, M-297, M-2100, M-2103, M-2104, M-2109, M-2110, M-2116, M-2122, M-2123, M-2147. |
| 3. | SHEATH (Darts) | M-256, M-273, M-299, M-2112, M-2113, M-2114, M-2116, M-2124, M-2137, M-2143, M-2145. |
| 4. | SHEATH (Gathers) | M-227, M-243, M-245, M-2108, M-2111. |
| 5. | EMPIRE | M-213, M-222, M-239, M-241, M-242, M-246, M-247, M-298, M-2125. |
| 6. | BLOUSON | M-22, M-26, M-276, M-291. |
| 7. | SIDE CLOSING | M-253, M-2101, M-2114. |
| 8. | PRINCESS | M-215, M-230, M-240, M-248, M-283, M-293, M-2102. |
| 9. | SHIRTWAIST | M-231, M-234, M-235, M-249, M-2127, M-2128, M-2129, M-2138, M2140, M-2141. |
| 10. | TUNIC | M-272, M-276, M-2115, M-2120. |
| 11. | YOKE | M-226, M-250, M-292, M-2118, M-2119. |
| 12. | RAISED WAIST | M-244, M-246, M-292. |
| 13. | TENT | M-261. |
| 14. | LOW WAIST | M-232, M-264. |

Silhouettes for one-piece dresses, bodices and blouses.

# Necklines

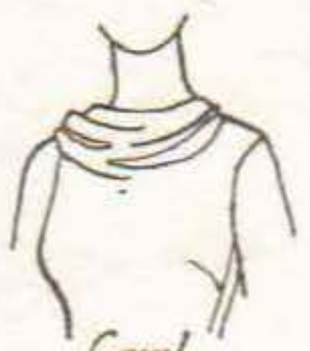

Round

Scoop

U-Neck

Square

Boat

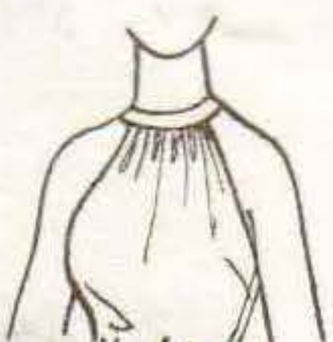

Cowl

Yoke

V-Neck

Cardigan

Keyhole


Halter

# Collars

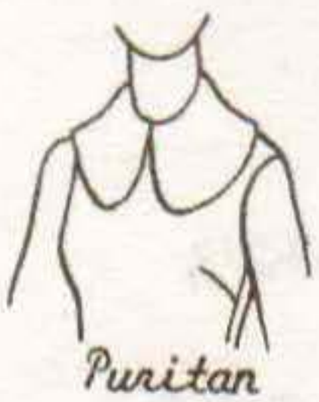
High Round

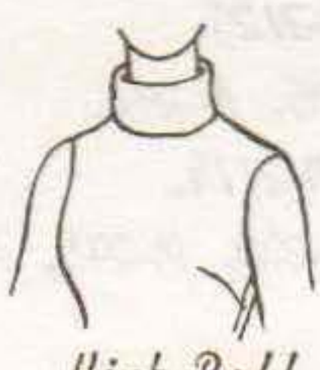
Low Round

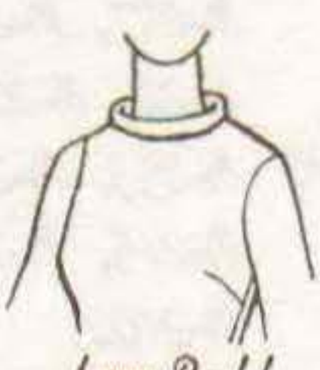
Peter Pan

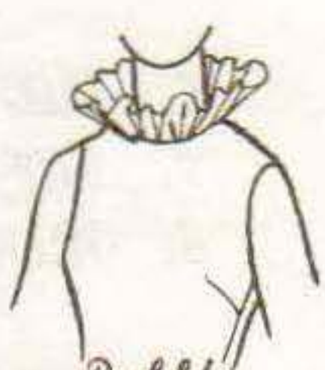
Mandarin

Tailored


Puritan


High Roll

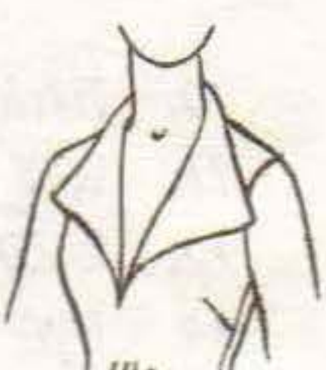

Low Roll


Ruffle

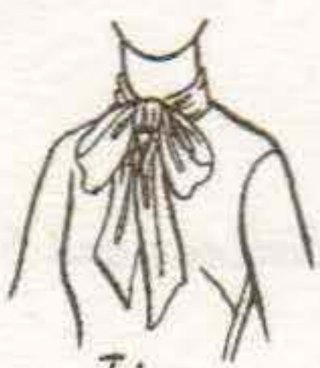
Funnel

Convertible

Chelsea


Wing

Middy


Tie

Jabot

Shawl

# Necklines

(11 Types)

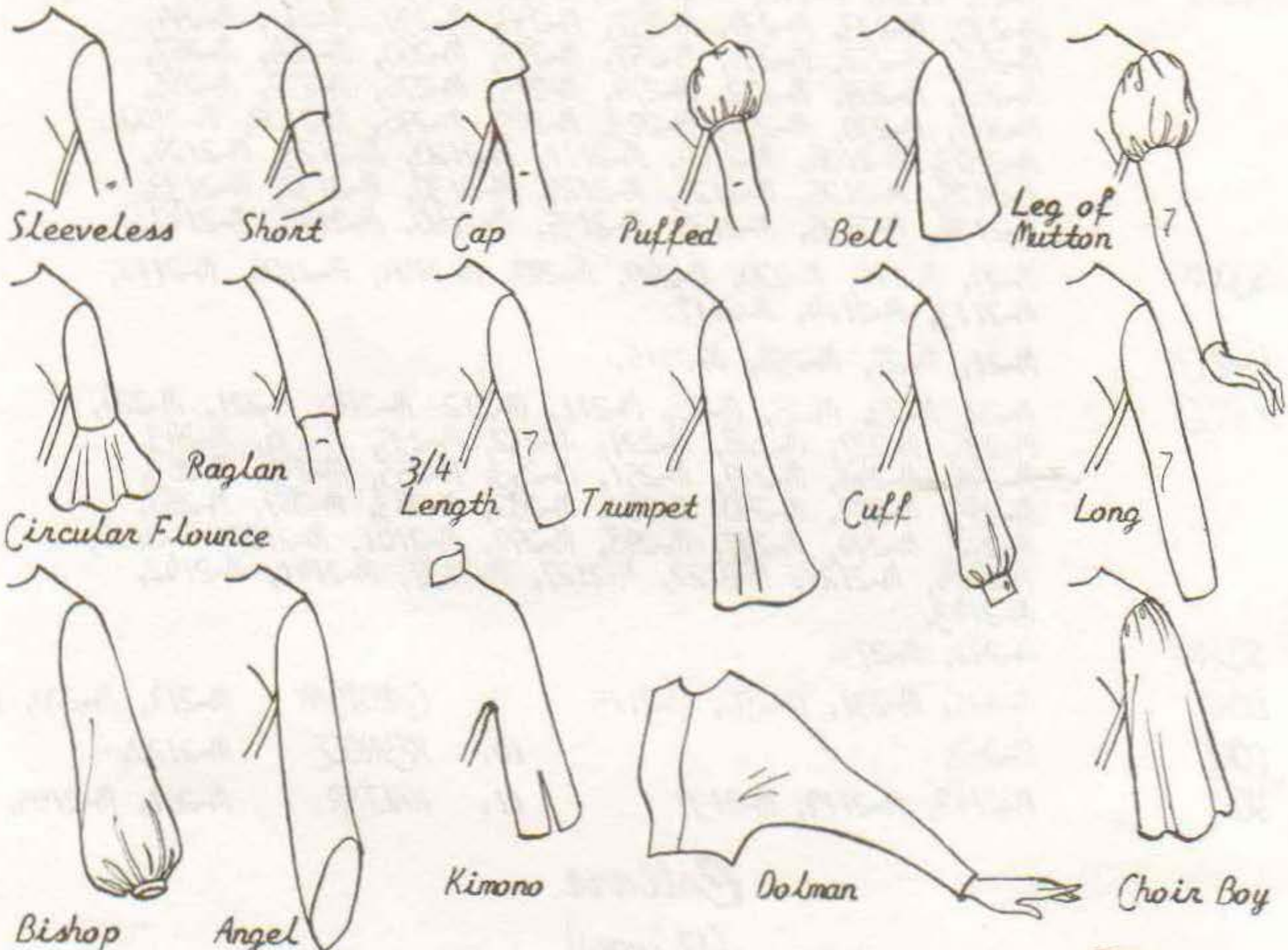
1. ROUND — M-24, M-28, M-210, M-213, M-215, M-217, M-219, M-222, M-223, M-230, M-233, M-234, M-237, M-238, M-239, M-241, M-244, M-246, M-252, M-254, M-257, M-259, M-260, M-264, M-267, M-268, M-269, M-272, M-274, M-275, M-276, M-277, M-285, M-286, M-290, M-291, M-293, M-295, M-296, M-2100, M-2102, M-2103, M-2108, M-2109, M-2111, M-2120, M-2123, M-2124, M-2125, M-2126, M-2128, M-2129, M-2130, M-2132, M-2133, M-2134, M-2135, M-2138, M-2139, M-2140, M-2145, M-2147.
2. SCOOP — M-29, M-216, M-220, M-240, M-247, M-2104, M-2106, M-2112, M-2113, M-2114, M-2117.
3. U-NECK — M-21, M-27, M-256, M-2116.
4. V-NECK — M-22, M-23, M-25, M-26, M-211, M-212 M-218, M-221, M-224, M-226, M-227, M-228, M-229, M-232, M-235, M-236, M-243, M-245, M-248, M-249, M-251, M-253, M-255, M-258, M-263, M-265, M-279, M-280, M-281, M-282, M-283, M-287, M-288, M-292, M-294, M-297, M-298, M-299, M-2101, M-2107, M-2110, M-2114, M-2121, M-2122, M-2127, M-2137, M-2141, M-2142, M-2143.
5. SQUARE — M-242, M-273.
6. BOAT — M-225, M-231, M-250, M-2115
7. COWL — M-262.
8. YOKE — M-2118, M-2119, M-2139
9. CARDIGAN — M-214, M-270, M-289.
10. KEYHOLE — M-2122.
11. HALTER — M-261, M-2105, M-2133.

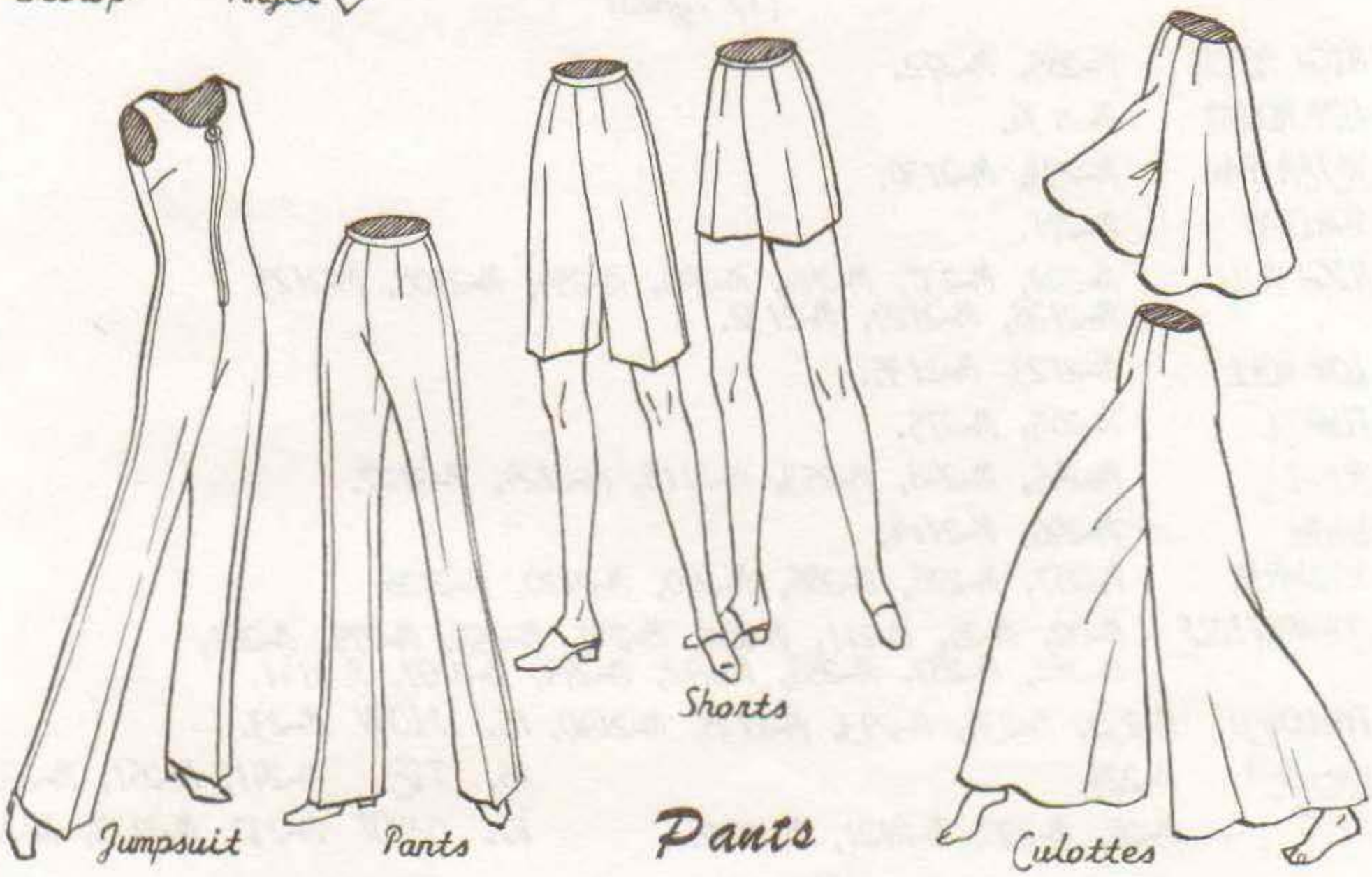
# Collars

(17 Types)

1. HIGH ROUND — M-285, M-272.
2. LOW ROUND — M-2134.
3. PETER PAN — M-233, M-2130.
4. PURITAN — M-291.
5. HIGH ROLL — M-222, M-237, M-244, M-246, M-254, M-2108, M-2125 M-2128, M-2129, M-2132.
6. LOW ROLL — M-2123, M-2135.
7. FUNNEL — M-265, M-275.
8. RUFFLE — M-245, M-248, M-253, M-2118, M-2124, M-2127.
9. SHAWL — M-240, M-2114.
10. MANDARIN — M-267, M-276, M-286, M-290, M-2120, M-2126.
11. CONVERTIBLE — M-22, M-26, M-211, M-228, M-249, M-255, M-279, M-281, M-282, M-287, M-288, M-292, M-294, M-2107, M-2141.
12. TAILORED — M-230, M-234, M-293, M-2138, M-2140.
13. CHELSEA — M-229.
14. WING — M-28, M-236, M-2121, M-2142.
15. MIDDY — M-23.
16. TIE — M-241, M-261, M-268, M-2105
17. JABOT — M-232, M-2128, M-2129

# Sleeves




## Pants

# Sleeves

(17 Types)

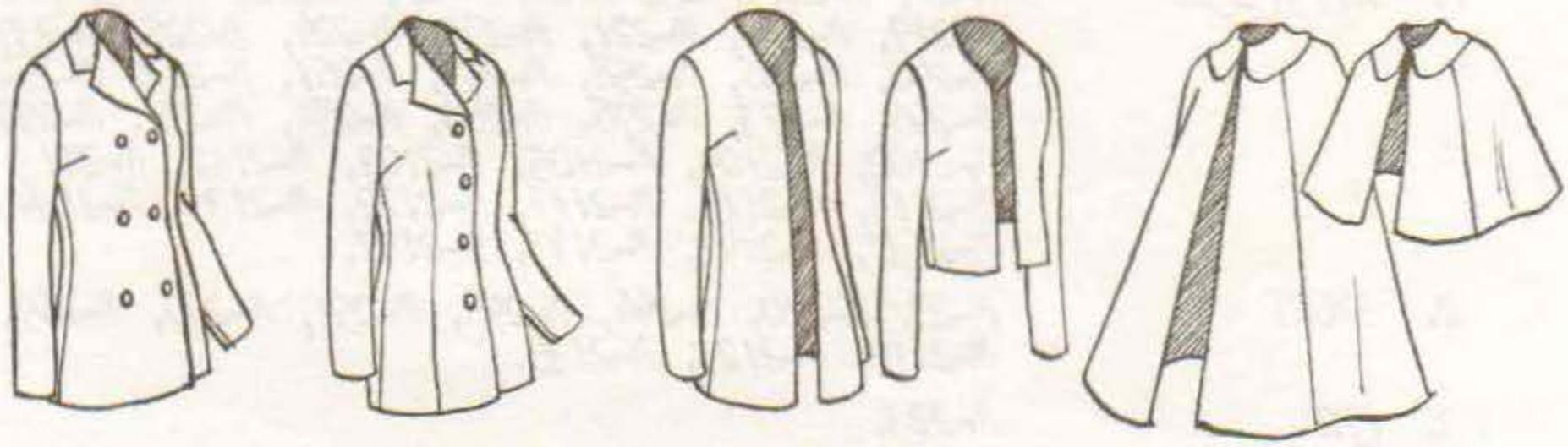
| | | |
|---|---|---|
| 1. | SLEEVELESS | M-21, M-22, M-25, M-26, M-27, M-212, M-215, M-216, M-219, M-220, M-221, M-222, M-224, M-225, M-239, M-240, M-256, M-258, M-259, M-261, M-262, M-264, M-266, M-273, M-278, M-280, M-284, M-297, M-299, M-2102, M-2104, M-2105, M-2109, M-2112, M-2113, M-2114, M-2116, M-2117, M-2122, M-2133, M-2134, M-2137, M-2143, M-2145, M-2147. |
| 2. | SHORT | M-28, M-210, M-244, M-248, M-251, M-260, M-269, M-2119, M-2123, M-2135. |
| 3. | CAP | M-223. |
| 4. | PUFFED | M-29, M-213. |
| 5. | BELL | M-2120. |
| 6. | LEG O'MUTTON | M-2125. |
| 7. | CIRCULAR FLOUNCE | M-2124. |
| 8. | RAGLAN | M-232, M-275, M-2108. |
| 9. | 3/4 LENGTH | M-238, M-252, M-257, M-268. |
| 10. | TRUMPET | M-2115. |
| 11. | CUFF | M-23, M-211, M-226, M-228, M-230, M-234, M-236, M-242, M-247, M-249, M-277, M-2101, M-2107, M-2114, M-2121, M-2129, M-2139, M-2140, M-2141, M-2142. |
| 12. | LONG | M-214, M-217, M-220, M-227, M-235, M-237, M-241, M-246, M-253, M-255, M-267, M-270, M-271, M-272, M-276, M-279, M-281, M-282, M-283, M-285, M-286, M-287, M-288, M-289, M-290, M-291, M-292, M-293, M-294, M-295, M-2101, M-2110, M-2114, M-2124, M-2132, M-2144. |
| 13. | BISHOP | M-226, M-229, M-231, M-233, M-243, M-245, M-250, M-254, M-298, M-2100, M-2106, M-2107, M-2111, M-2118, M-2127, M-2128, M-2138. |
| 14. | ANGEL | M-265. |
| 15. | KIMONO | M-24, M-2103 |
| 16. | DOLMAN | M-263. |
| 17. | CHOIR BOY | M-2126 |

# Pants

(4 Types)

| | | |
|---|---|---|
| 1. | JUMPSUIT | M-21, M-27, M-28, M-29, M-210, M-211. |
| 2. | PANTS | M-26, M-212, M-214, M-255, M-258, M-272, M-275, M-276, M-277, M-278, M-281, M-2103, M-2115, M-2120, M-2139, M-2148. |
| 3. | SHORTS | M-22, M-23, M-24, M-25, M-218, M-263, M-2101, M-2108. |
| 4. | CULOTTES | M-220, M-271, M-2106, M-2117. |

# Jackets

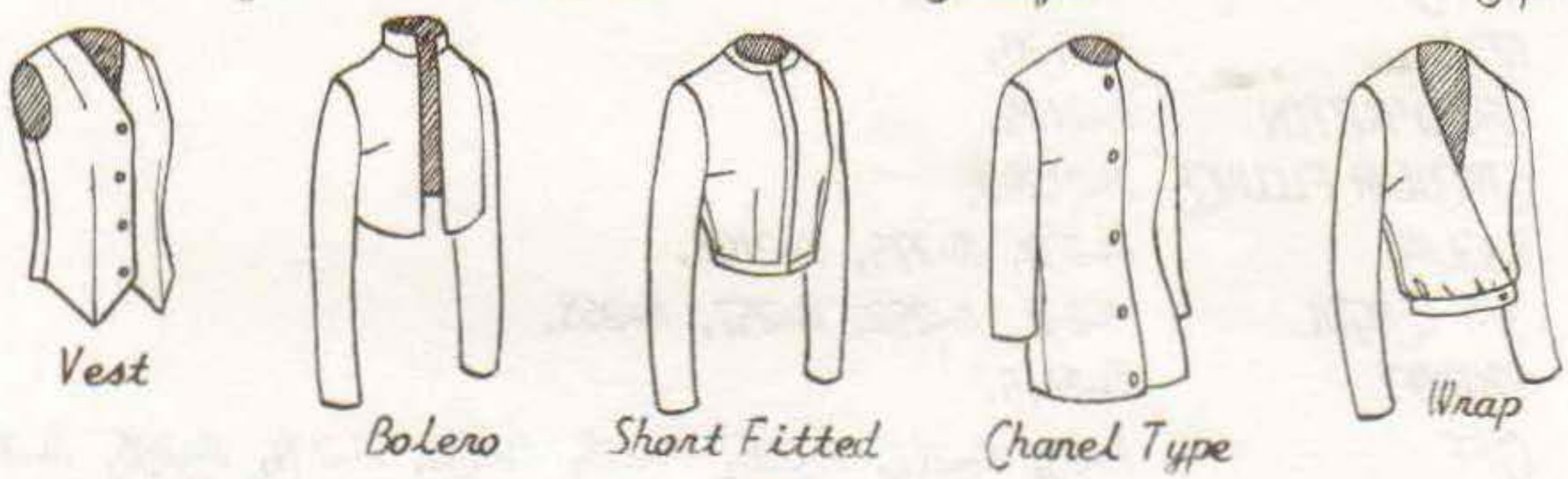


Blazer

Tailored

Cardigan

Cape



Vest

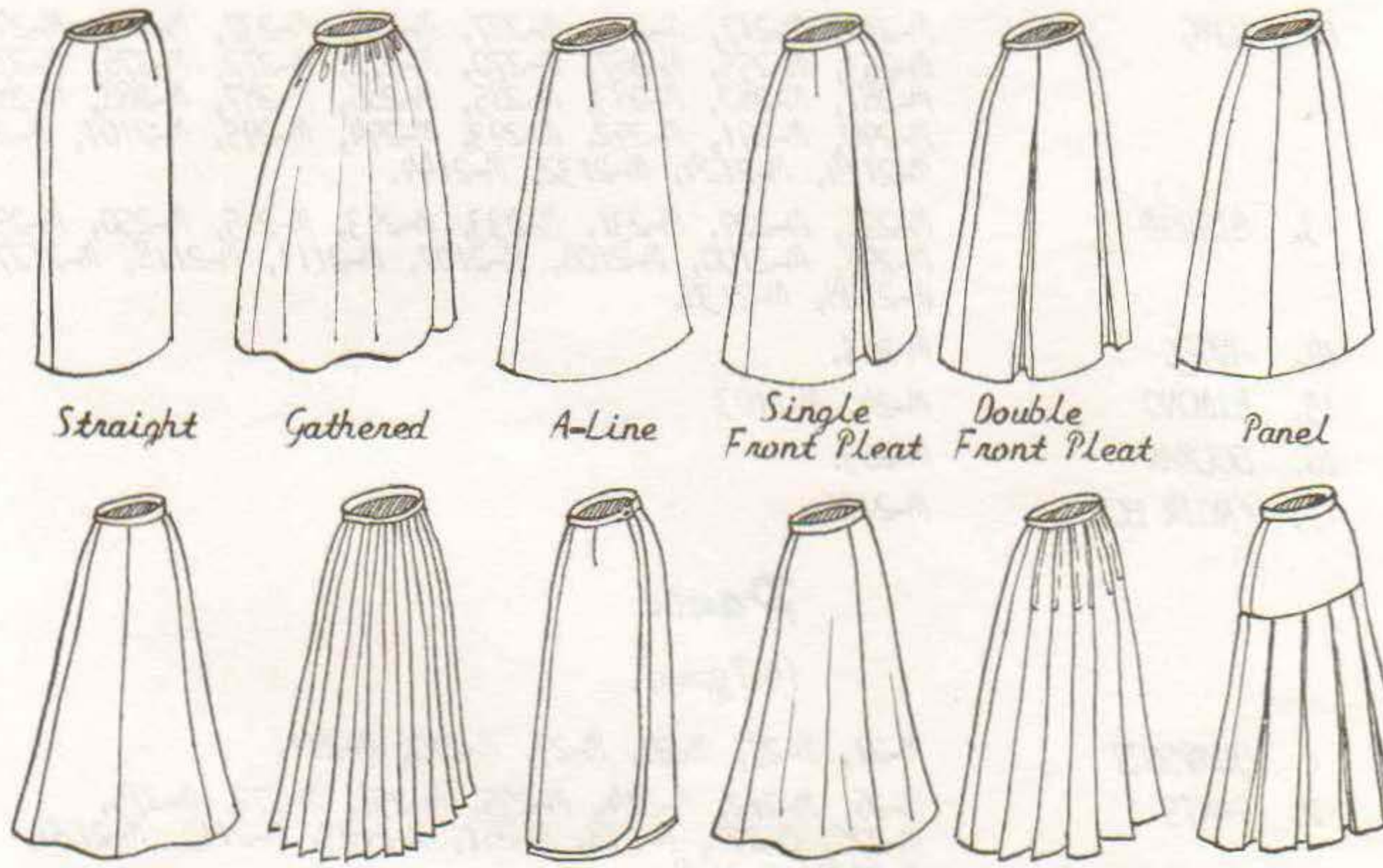
Bolero

Short Fitted

Chanel Type

Wrap

# Skirts



Straight

Gathered

A-Line

Single Front Pleat

Double Front Pleat

Panel



Gored

Pleated

Wrap

Flared

Hip Stitched Pleats

Yoke

# Jackets

(9 Types)

| | | |
|---|---|---|
| 1. | BLAZER | M-255, M-279, M-281, M-282, M-283, M-286, M-287, M-288, M-294. |
| 2. | TAILORED | M-272, M-276, M-285, M-290, M-291, M-292, M-293, M-2126. |
| 3. | CARDIGAN | M-214, M-220, M-268, M-270, M-289. |
| 4. | CAPE | M-274, M-296. |
| 5. | VEST | M-25, M-212, M-258, M-266, M-278, M-280, M-284, M-2137, M-2143. |
| 6. | BOLERO | M-271, M-295. |
| 7. | SHORT-FITTED | M-267, M-277. |
| 8. | CHANEL TYPE | M-217, M-238, M-252, M-257, M-260. |
| 9. | WRAP | M-2101, M-2114. |

# Skirts

(12 Types)

| | | |
|---|---|---|
| 1. | STRAIGHT | M-238, M-252, M-257, M-260, M-268, M-279, M-282, M-284, M-287, M-289, M-292, M-2124, M-2146. |
| 2. | GATHERED | M-213, M-222, M-231, M-239, M-241, M-242, M-243, M-244, M-245, M-246, M-247, M-249, M-253, M-263, M-298, M-2105, M-2108, M-2111, M-2125, M-2133. |
| 3. | A-LINE | M-217, M-234, M-280, M-285, M-286, M-288, M-290, M-295, M-2103. |
| 4. | SINGLE FRONT PLEAT | M-266, M-267. |
| 5. | DOUBLE FRONT PLEAT | M-294. |
| 6. | PANELED | M-227, M-235, M-283, M-286, M-293, M-2113, M-2114. |
| 7. | GORED | M-250. |
| 8. | PLEATED | M-2113, M-2136. |
| 9. | WRAP | M-296. |
| 10. | FLARED | M-262, M-264, M-291. |
| 11. | HIP STITCHED PLEATS | M-226, M-270. |
| 12. | YOKE | M-232, M-264. |

# SUNBURST Fashion Models

M-21

Turtleneck M-2132

M-23

M-24

M-25

M-22

Sunburst III-10

M-26

M-29

M-28

M-210

M-211

M-27

M-212

M-213

M-214

M-215

M-216

M-217

Suburban
111-12

M-218

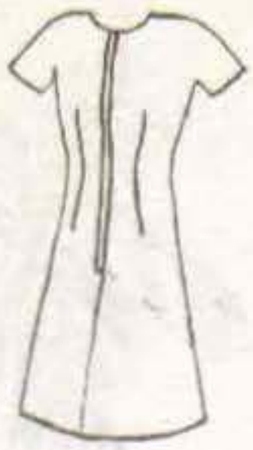
M-219

Note:
Use M-217
Jacket

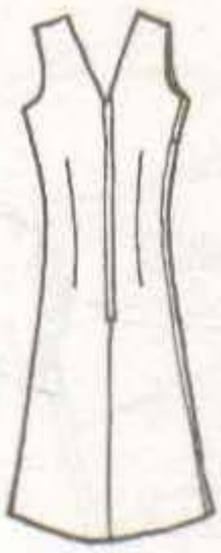
M-220

M-221

M-222



M-223



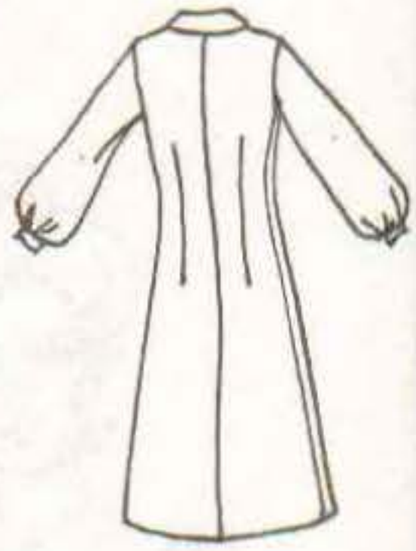
M-224

M-225

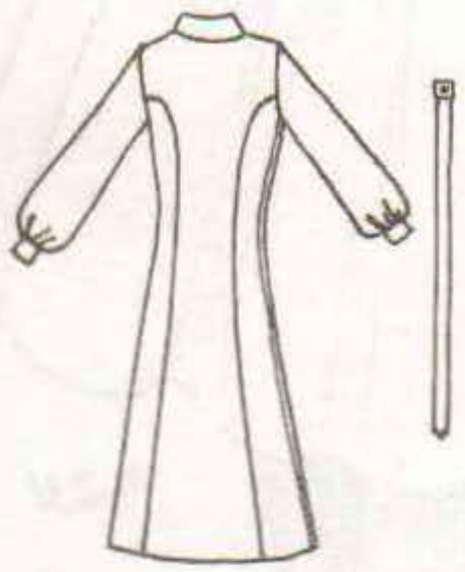
M-226

M-227

M-229

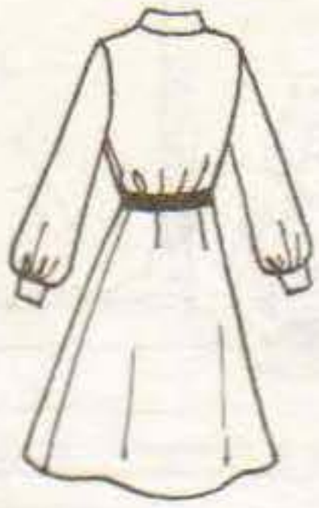


M-228



M-230

M-233
M-232
M-231



M-234

M-238

M-236

M-237

M-235

M-239

M-240

M-241

M-242

M-243

M-244

M-245

M-246

M-247

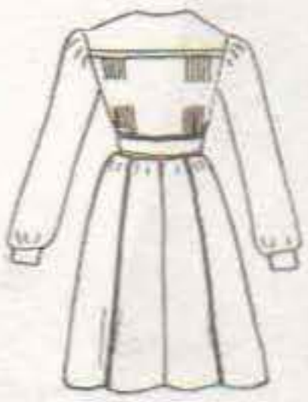
M-248

M-249

M-250

M-251

M-252



M-253

M-254

M-255

M-258
Blouse M-2141

M-256
Blouse M-2141

M-257

M-259



M-260



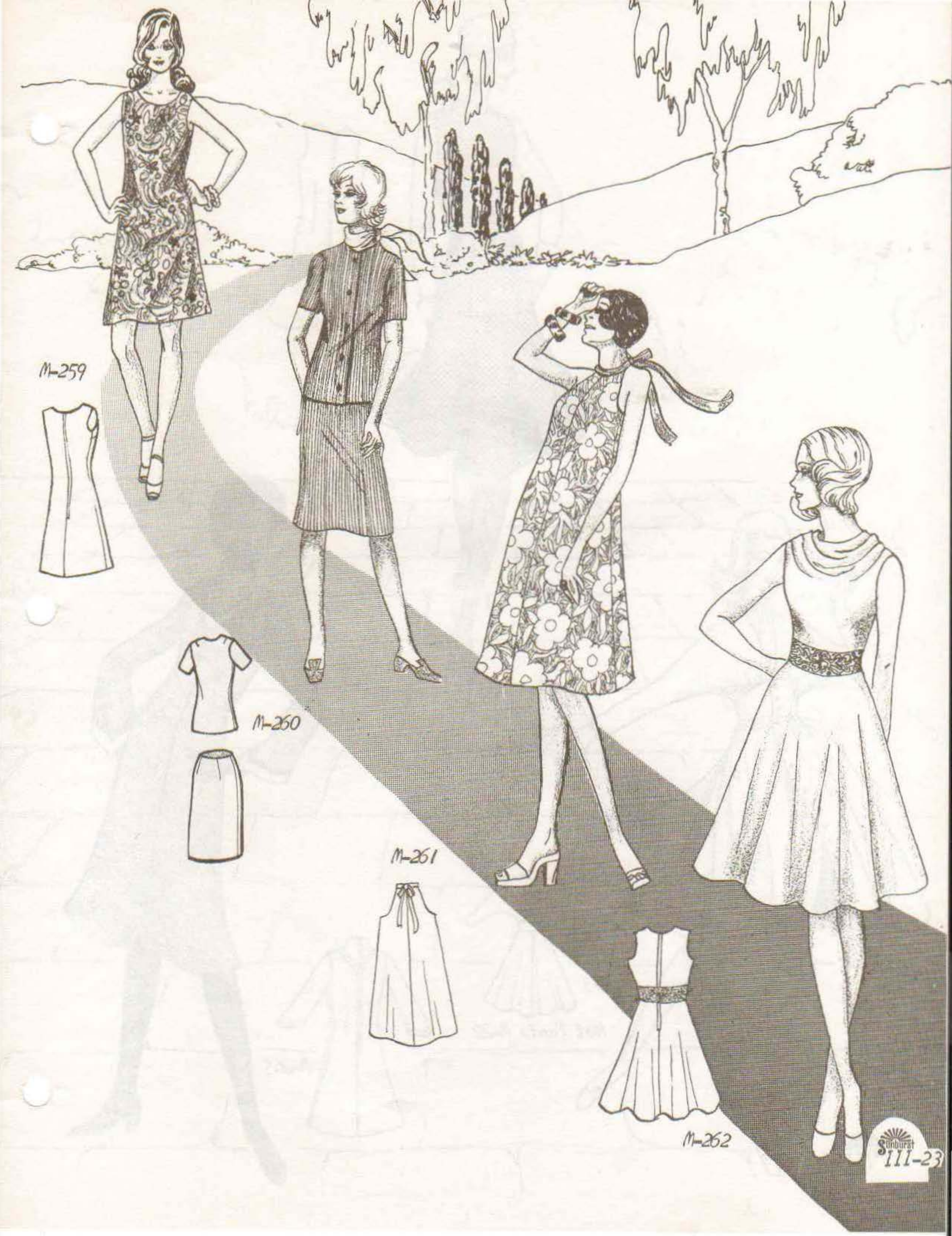


M-261



M-262





Sunburst III-23

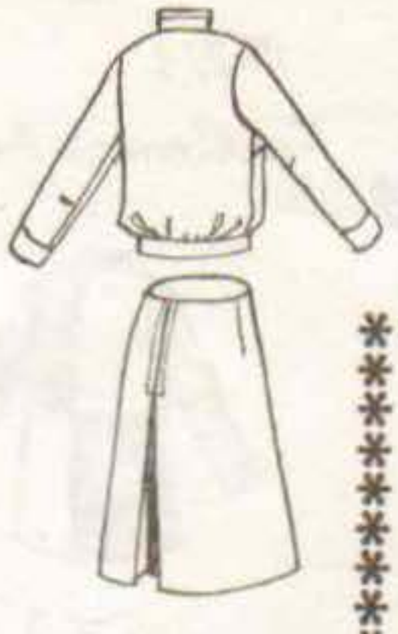
M-264

M-263

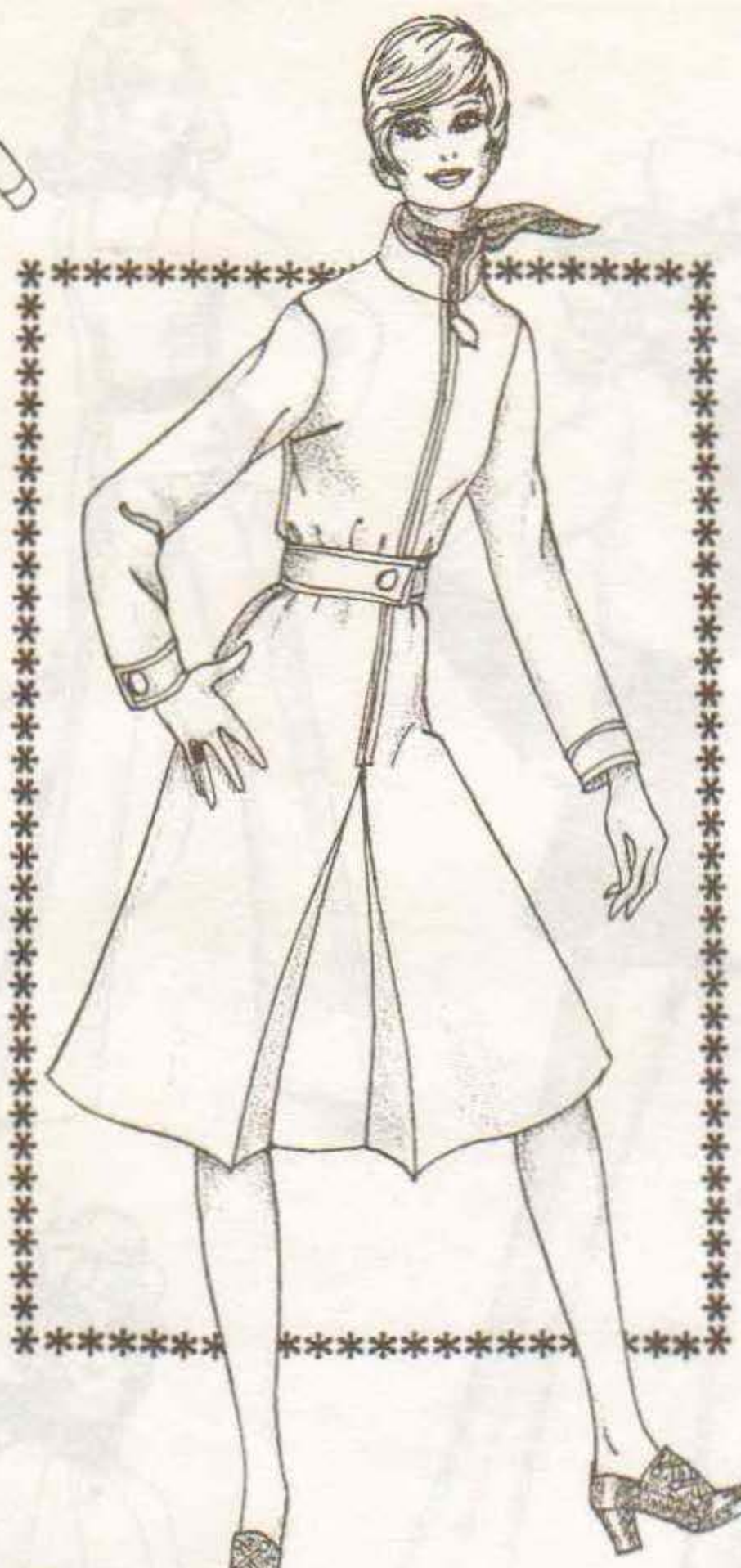
Hot Pants M-22

M-265

Sonburst
III-24



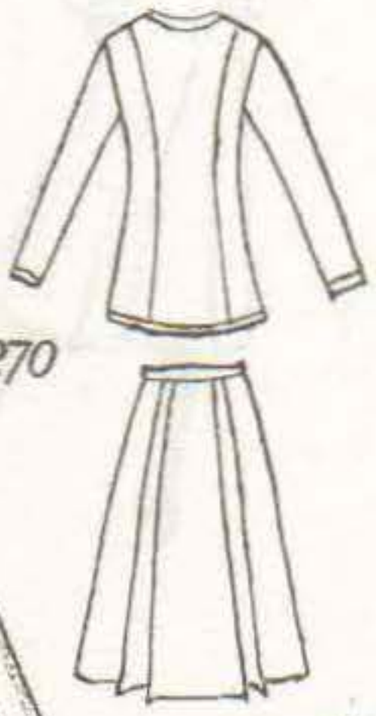
M-267



M-268

M-269

Blouse M-2129



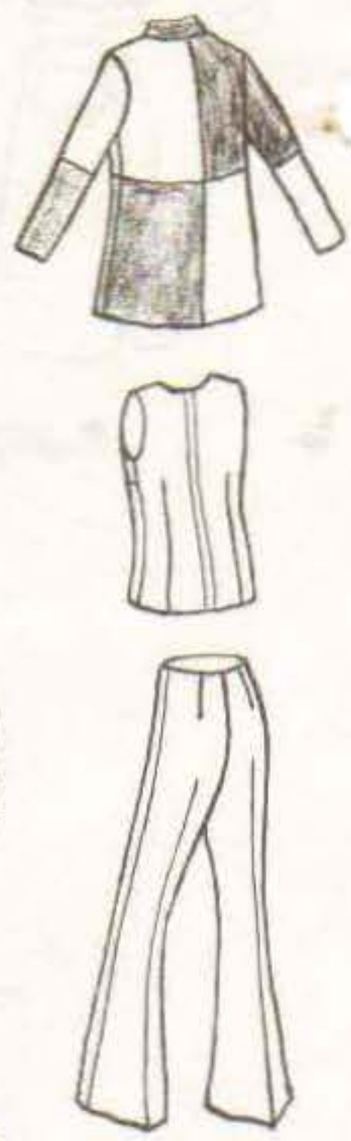
M-270



M-266

Blouse M-2140

M-273
Turtleneck M-2132



M-271
Turtleneck M-2132

M-272

M-274

M-275

M-276

M-277

Turtleneck M-2132

M-278

Blouse M-2128

Sunburst III-27

M-282

M-279

M-280

M-281

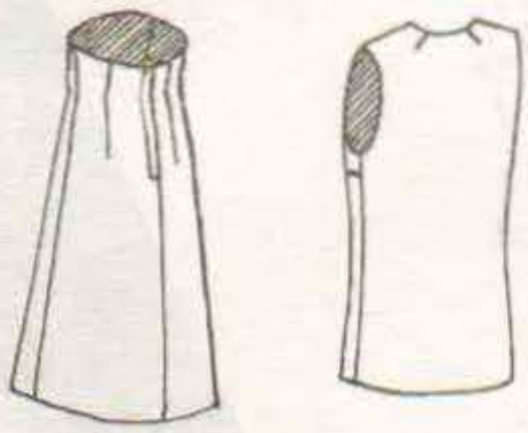
Blouse M-2127

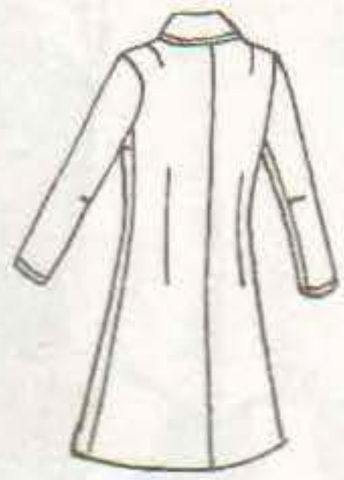
Sunburst
111-28

M-283

M-284

M-285





Blouse M-245

M-287

M-288

M-286

Dress M-2124

Sunburst 111-30

M-289

M-290

M-291

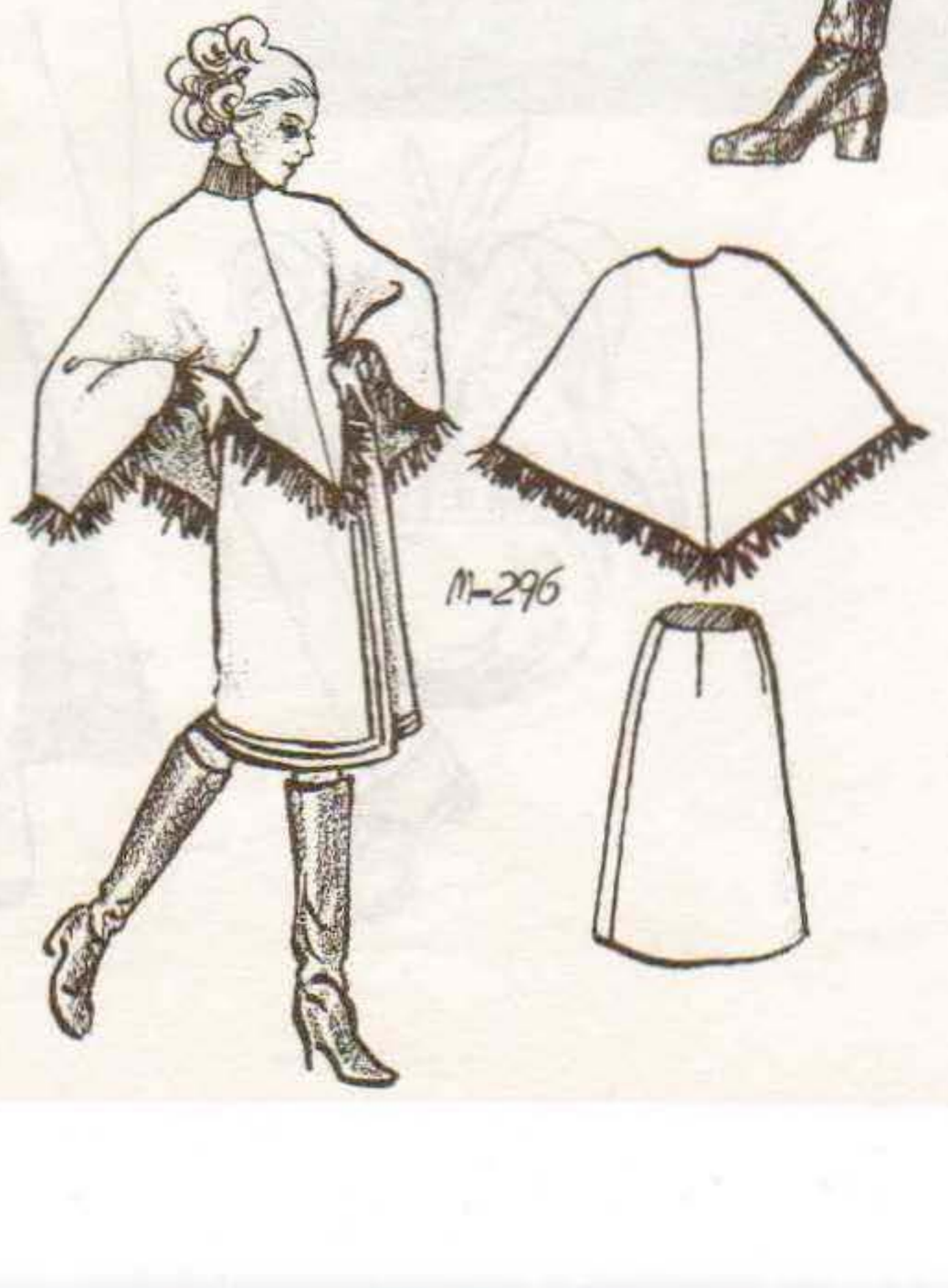
Sunburst
111-31

M-292

M-293

Sunburst
III-32

M-294
Turtleneck M-2132



M-296

M-295
Blouse M-2141

M-298

M-297

M-299

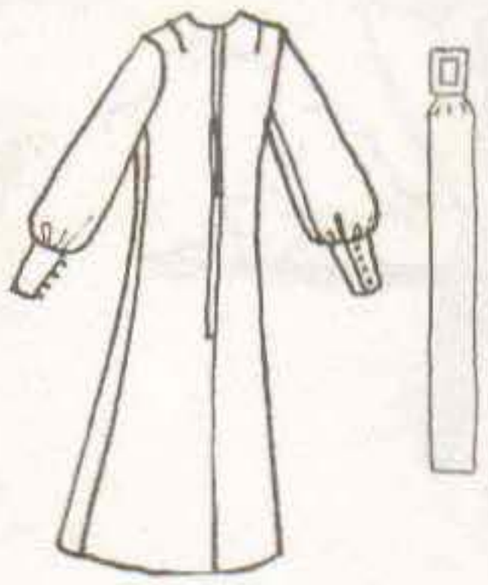
Stole
M-299A

M-2100

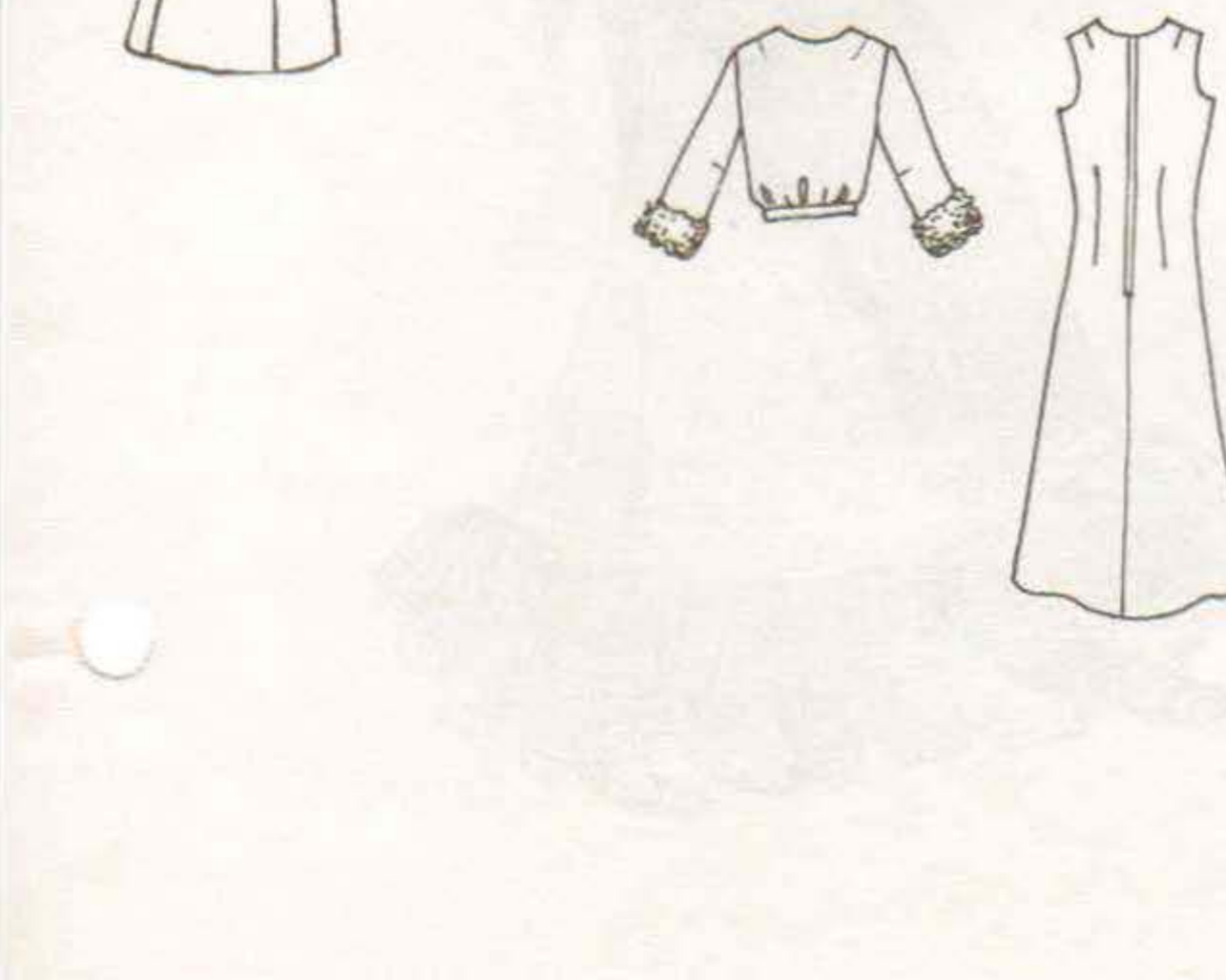
M-2101

M-2102

M-2103







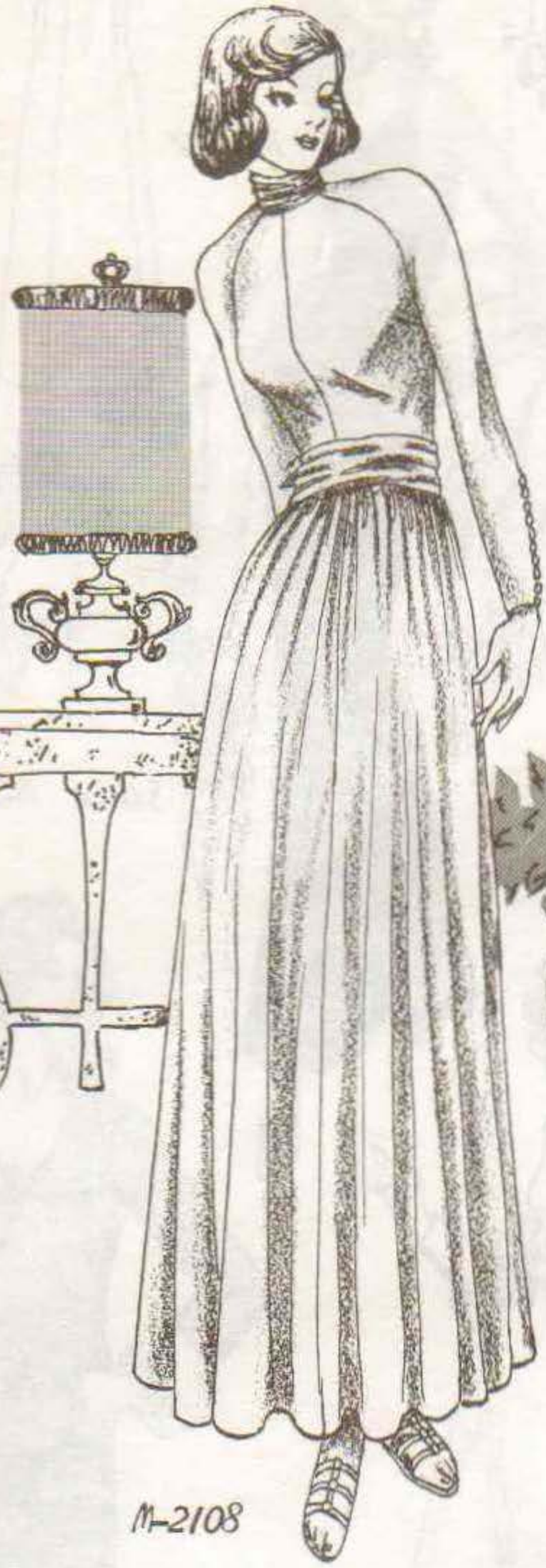
M-2104

M-2106

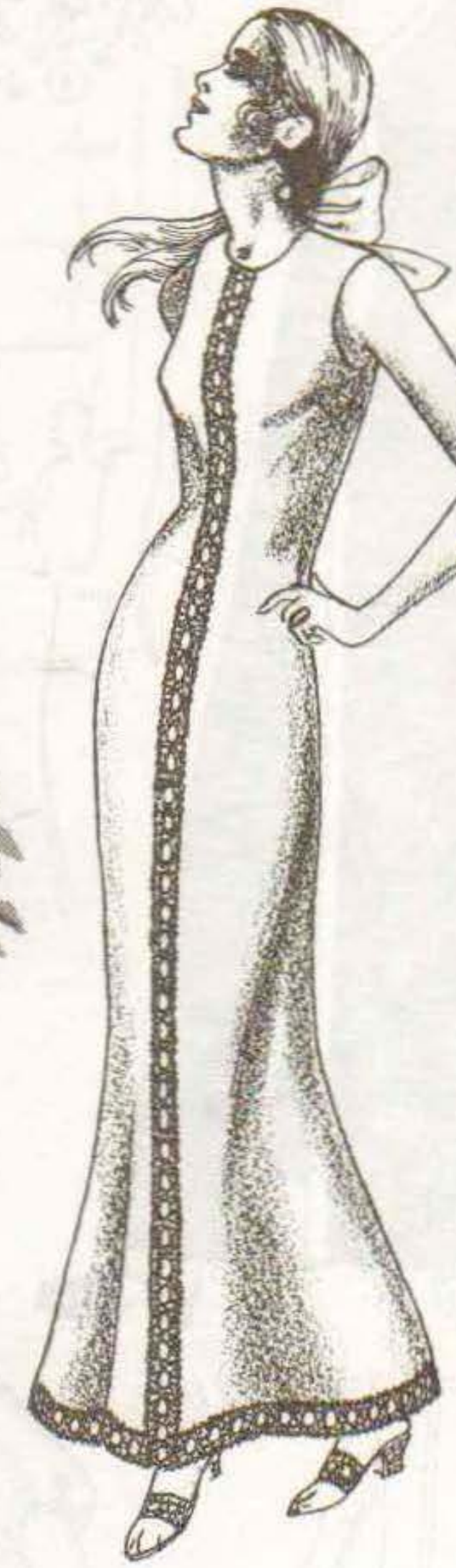
M-2105

Sunburst
III-36

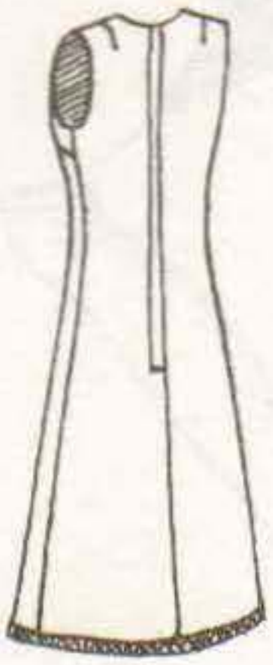
M-2107



M-2108



M-2109



M-2112

M-2113

Stole M-299A

M-2110

M-2111

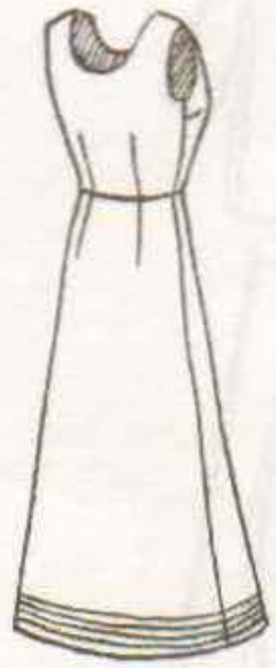
M-2114

Sunburst
111-38

M-2117

M-2115

M-2116
Blouse M-2129 & M-2130



Sunburst
111-39

M-2118

M-2120

M-2121

M-2119

Sunburst
III-40

M-2122

M-2123

M-2124

M-2125

M-2126

Simplicity
111-41

M-2127

M-2128

M-2129

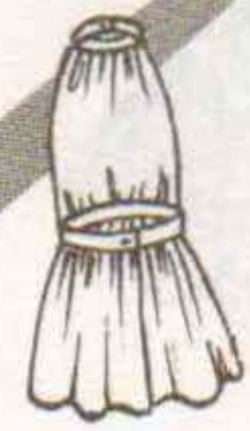
M-2130

M-2131

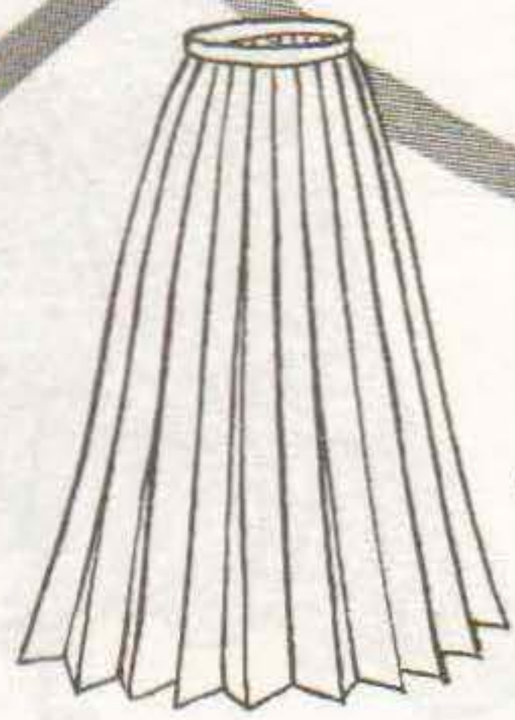
M-2134

M-2135

M-2132



M-2133



M-2136

Stanhurst
III-42

M-2137

M-2138

NOTE: Front or back opening.

M-2140

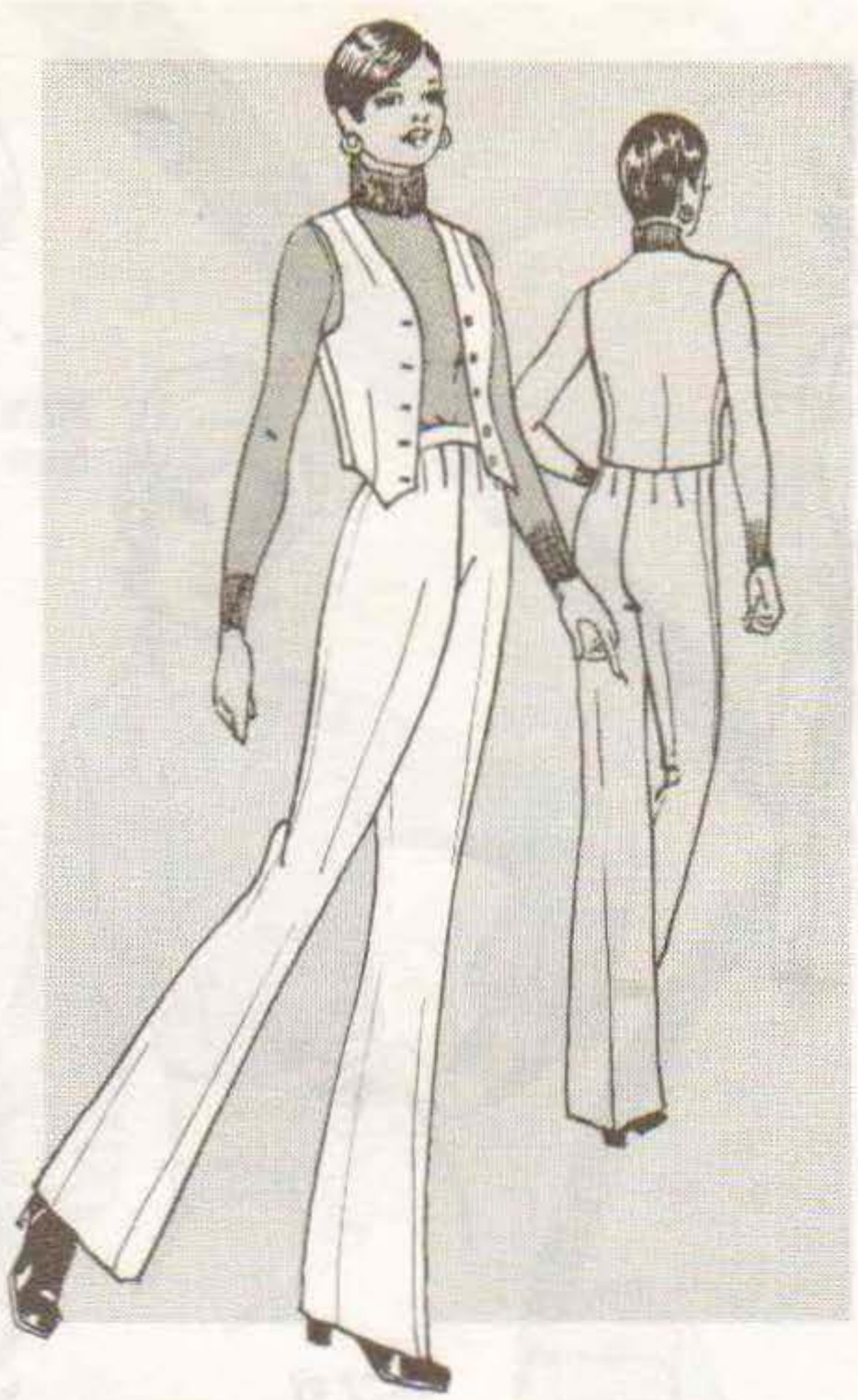
M-2141

M-2142

Sunburst
III-43

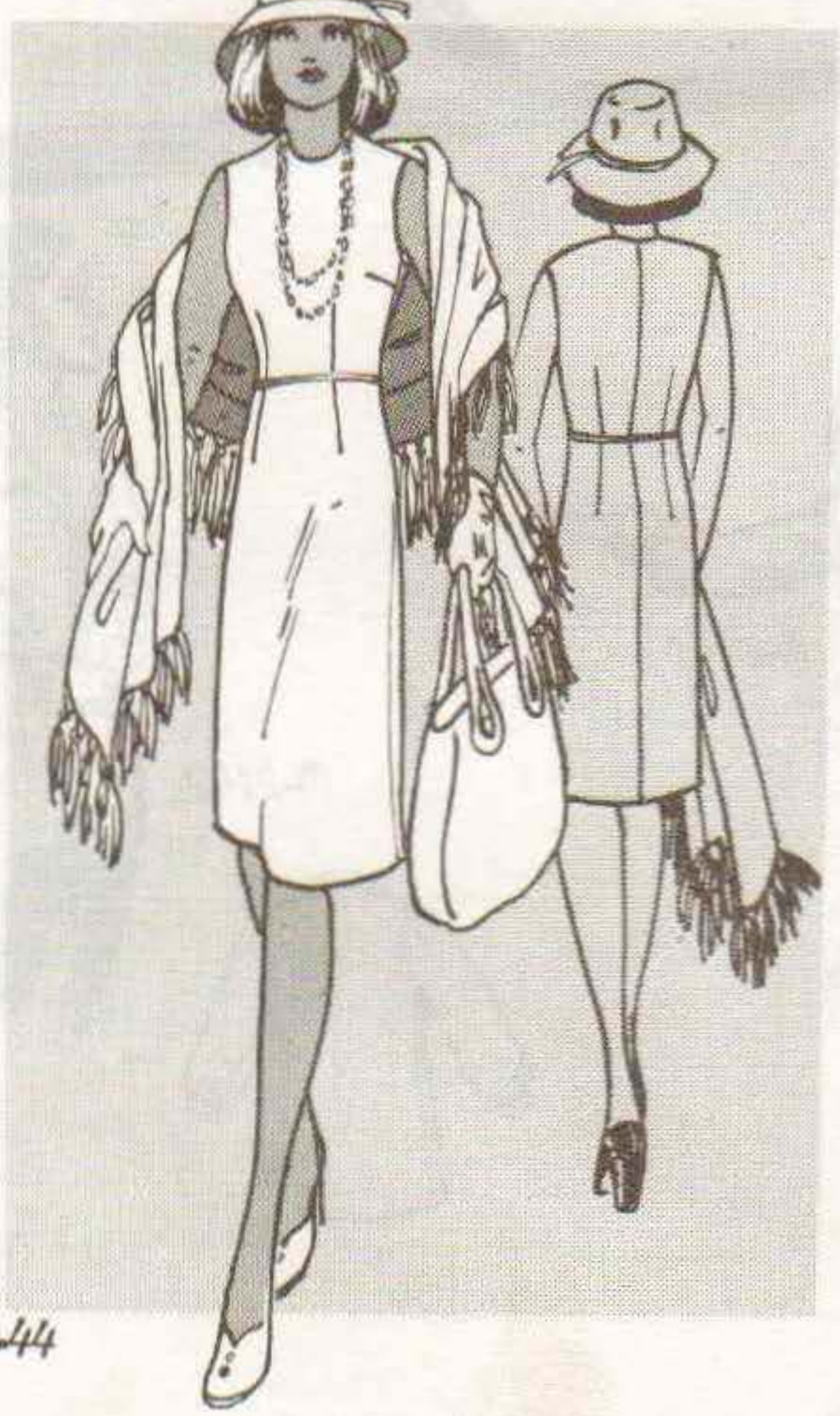
M-2143 Vest Pg. I-2
M-2148 Pants Pg. II-5

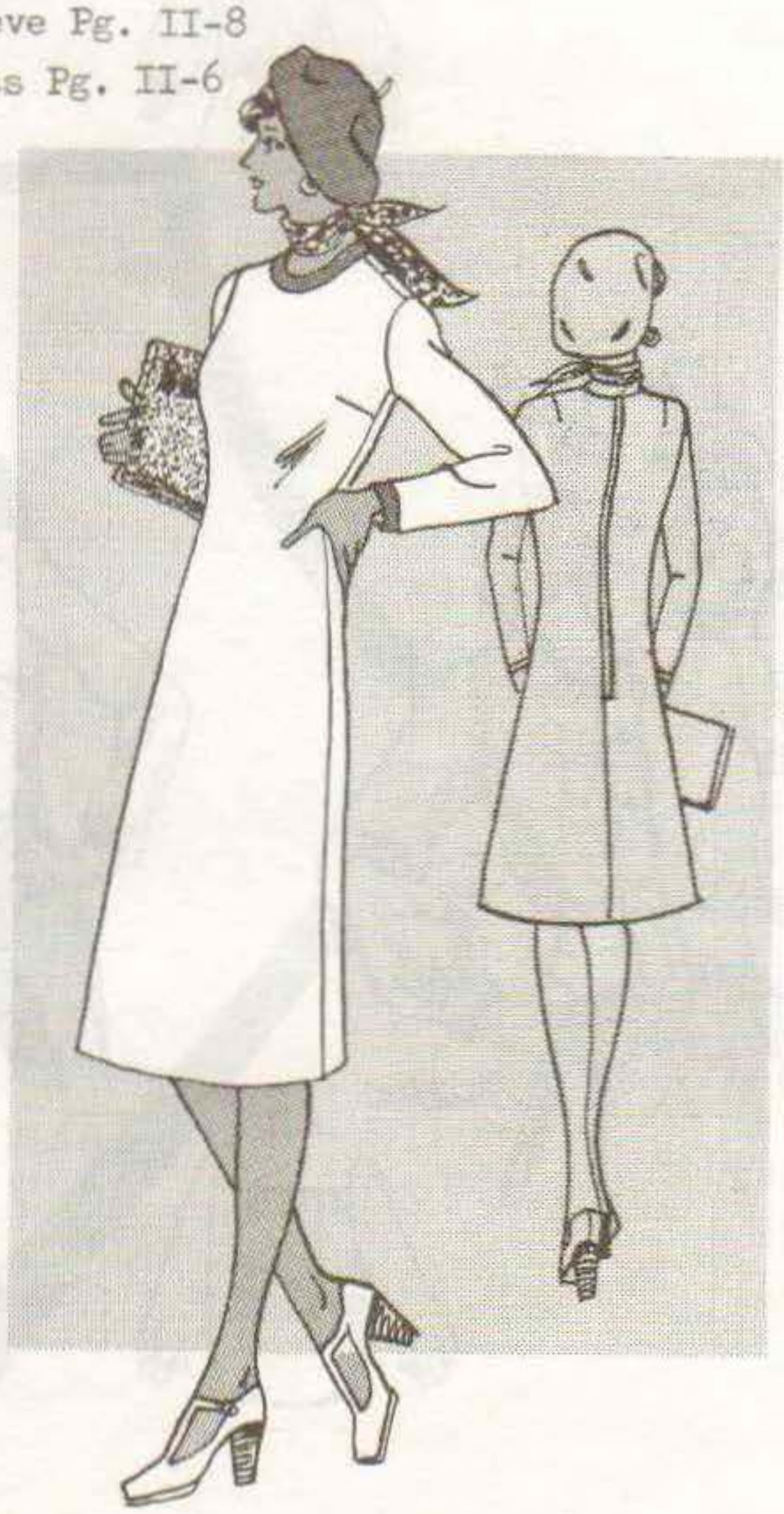
# BASIC PATTERNS



M-2145 Bodice Pg. II-2
M-2146 Skirt Pg. II-4

M-2144 Sleeve Pg. II-8
M-2147 Dress Pg. II-6





# Chapter IV

# SUNBURST PATTERN DIAGRAMS

Instructions for using your
SUNBURST pattern diagrams .....IV-ii

SYMBOL IDENTIFICATION CHART.....IV-1

SUNBURST PATTERN DIAGRAMS .....IV-5

USE OF CURVE.....IV-4a

QUICK-DO METHOD
To Assemble Pattern Parts .....IV-4b

# *Instructions for using your SUNBURST pattern diagrams*

Your SUNBURST PATTERN DIAGRAMS are your guide for connecting the DOTS after you have expanded your SUNBURST PATTERN. The SYMBOL IDENTIFICATION CHART shown on the following pages will clarify any symbol or abbreviation shown on these diagrams.

After your pattern has been drawn, if CUT LINES are shown, proceed as shown in (1), (2), and (3) below. You must add SEAM ALLOWANCE in the fabric to all patterns drawn. HEMS must also be added. See Fig. (a)

CUT lines

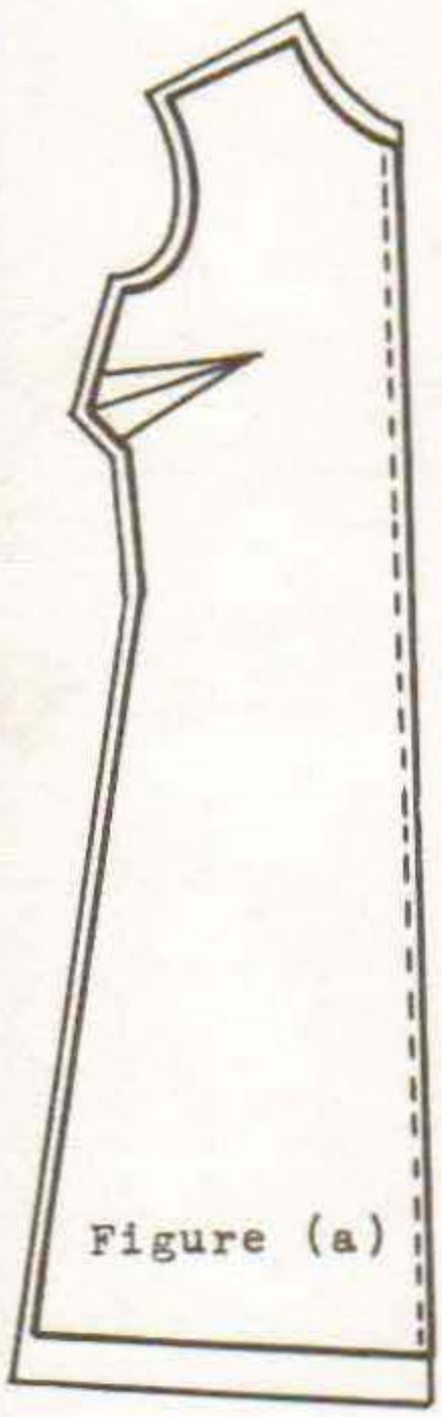
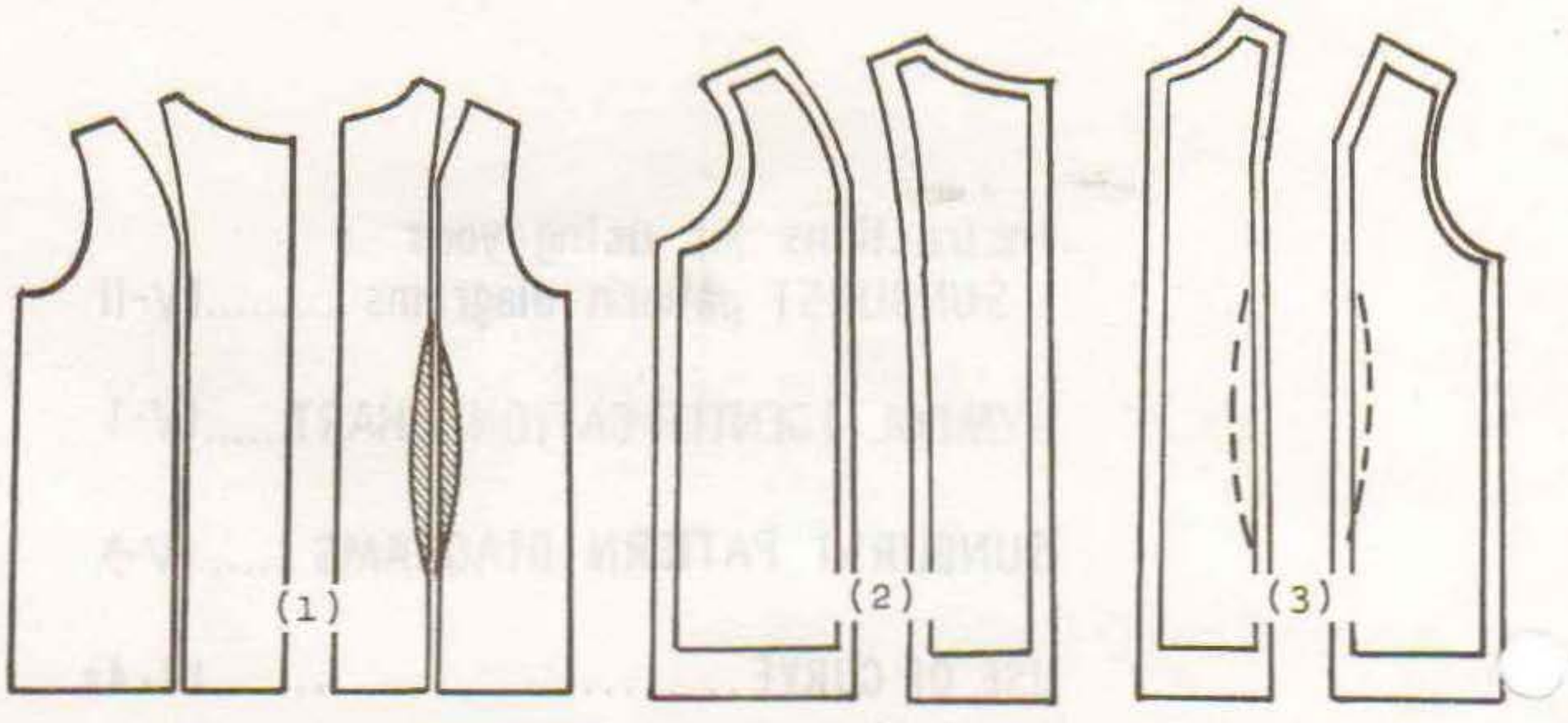
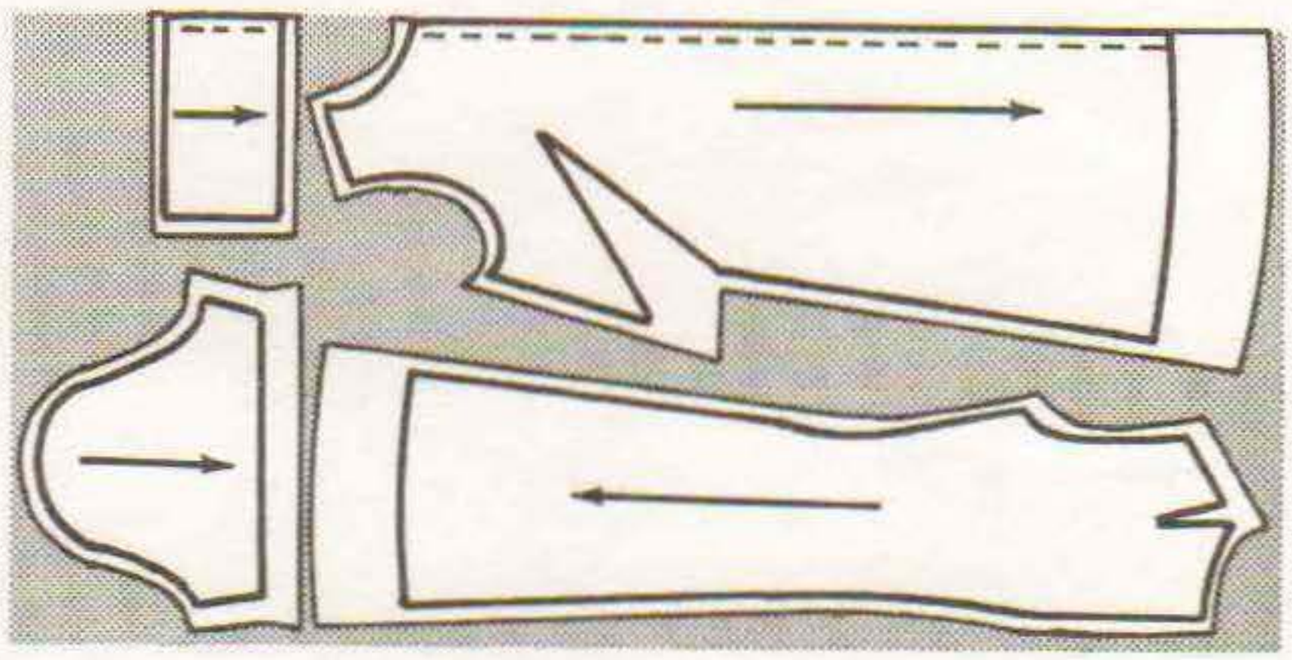


Figure (a)




Wherever DOUBLE CUT LINES are shown on your SUNBURST pattern diagram, you must separate your pattern as shown above. Add seam allowance to all separated parts. Where waist darts are in the middle of a separation (back bodice - right), taper in at waist after seams are sewn and trim seam.



To figure the EXACT amount of material to buy, cut out all pattern parts,(including facings) and arrange according to grain line indicated on pattern. Consider seam allowance when doing this. You can arrange the pieces on your table top or floor by marking out a width of material you ordinarily buy. After pattern is economically placed, measure the length. If you decide on a different width material at time of purchase of your fabric, department stores and fabric shops carry conversion charts to determine amount needed for another width.

# *Symbol Identification Chart*

The following explanation of SUNBURST SYMBOLS and ABBREVIATIONS will help you identify various pattern parts and tell you what each symbol means. Become familiar with these symbols:

F = Front

B = Back

Sk = Skirt

Sl = Sleeve

Cf = Cuff

Cl = Collar

Pt = Pants, Shorts

Sh = Shorts

Yk = Yoke

Wb = Waistband

Blt = Belt

P = Pocket

Pl = Pleat

Shld. Stp. = Shoulder Strap

◆ ♦ = Center front/ Center back

——— = Sewing line without seams

= Place on FOLD

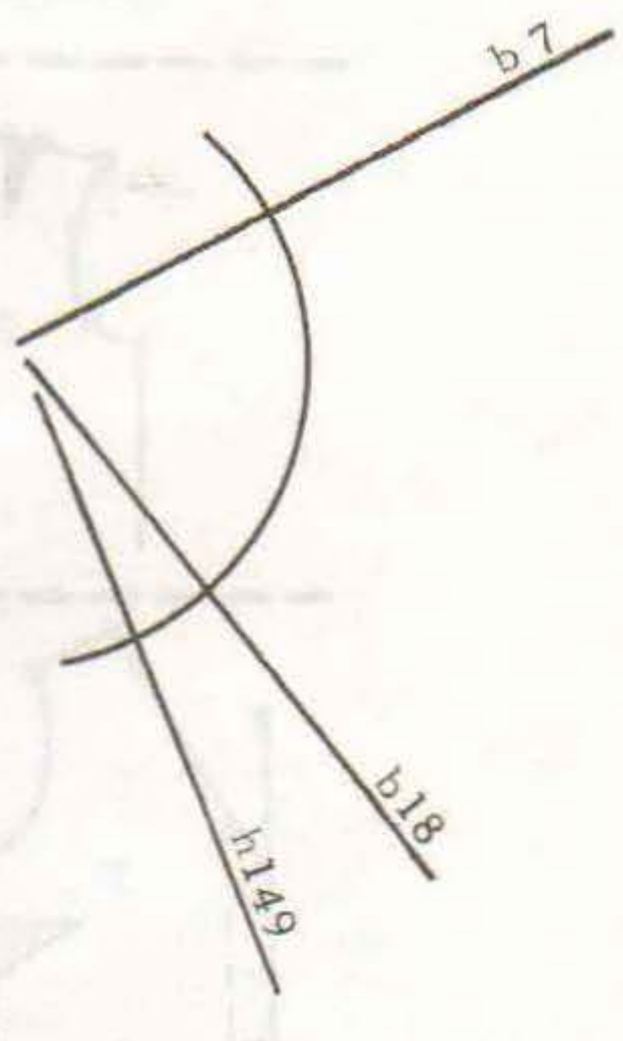
★ ☼ ✷ ✡ ○ ▽ ▼ □ ■ = Match corresponding marks for assembly of pattern parts

2X = Amount of pieces to be cut

= Gathering or easing

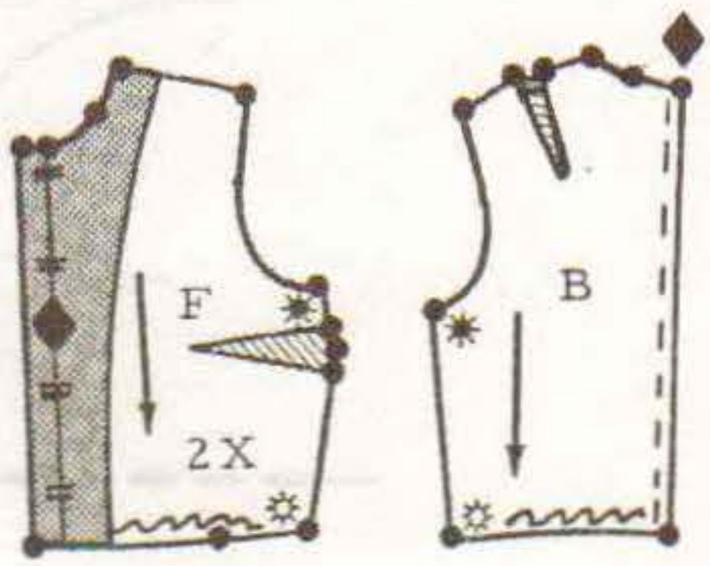
= ⊣ ○ ⊖ = Button or button-hole placement

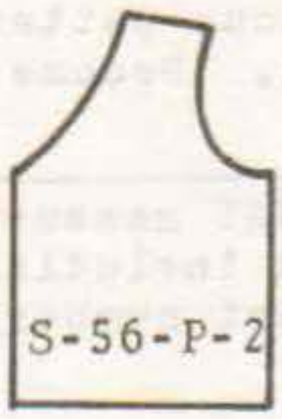
NOTE: Use BUST measurement number above waistline and including waistline. Use HIP measurement number below waistline.




b = Use BUST measurement number.

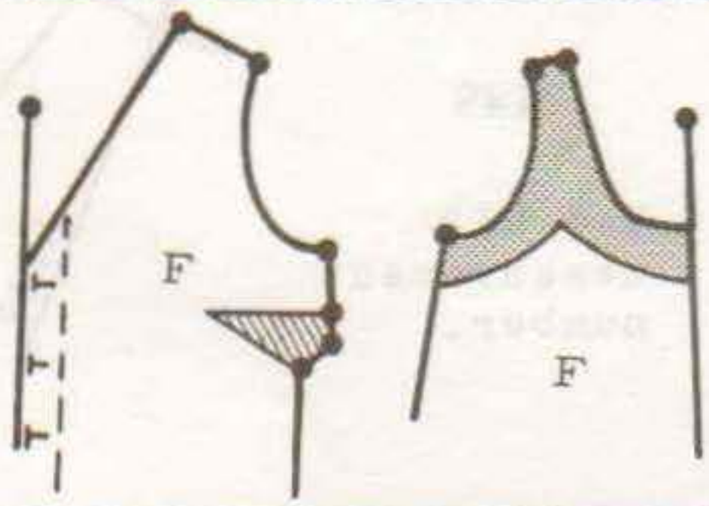
h = Use HIP measurement number.



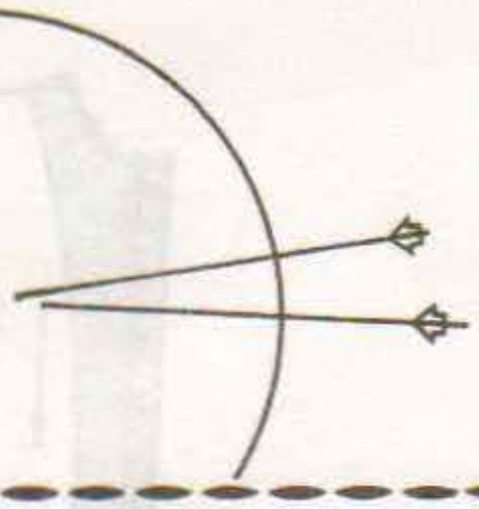



Your SUNBURST PATTERN number. "S" stands for SUNBURST PATTERN PART number. "P" stands for PAGE number in Chapter V where you find all SUNBURST patterns.

Connecting points. (Draw lines between dots).




Drop dot lines. (Drop neckline to desired depth).



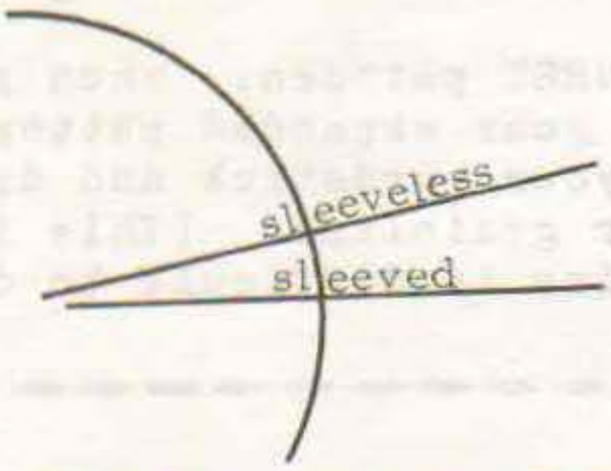
Dart lines on SUNBURST patterns.

Dart on diagram

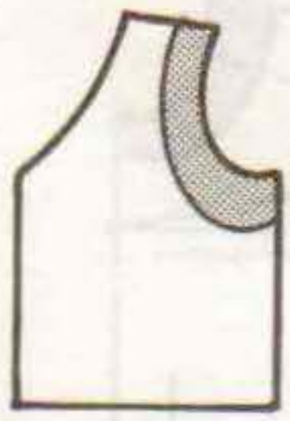
20,5 Half number

-3 Minus numbers

0 Zero numbers. (Extend SUNBURST Measurement Guide to DIVIDING line between GUIDE and EXTENDER.)




Use one line only. (Judge this by whether you are using a sleeve or making the garment sleeveless.)

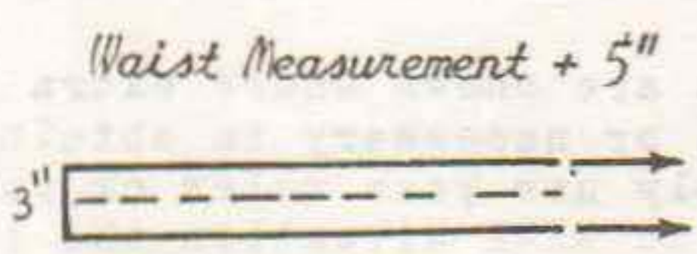


Facing. Trace your FACING from the pattern you have drawn by using your SUNBURST diagram as a guide. Use tracing carbon and additional paper. Then you can use your facing pattern parts with the rest of your pattern parts to determine the amount of material to buy.

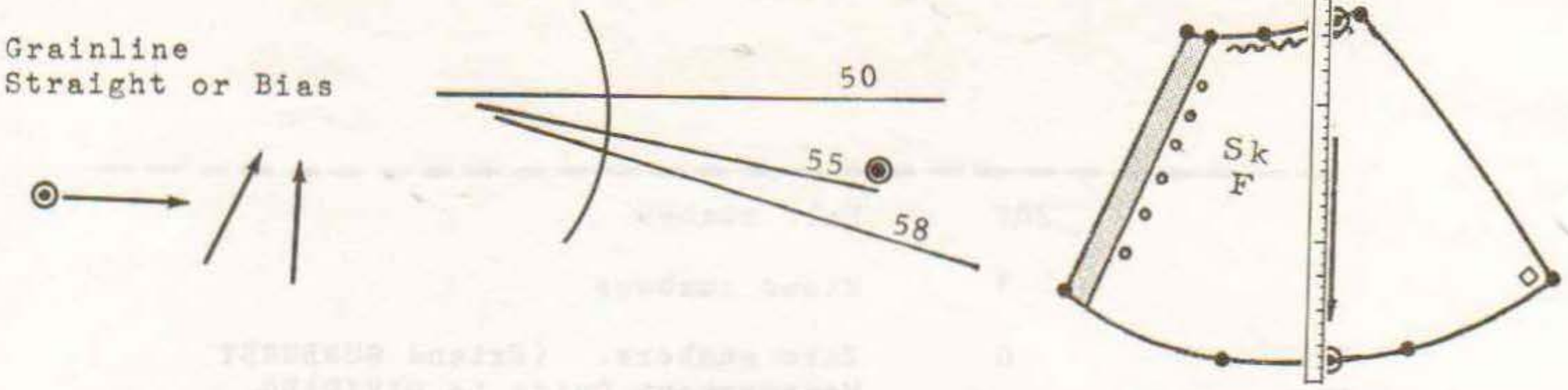
Zipper

Use dimensions given to make pattern. (Collars, pockets, trim, accessories, waistbands and belts.)

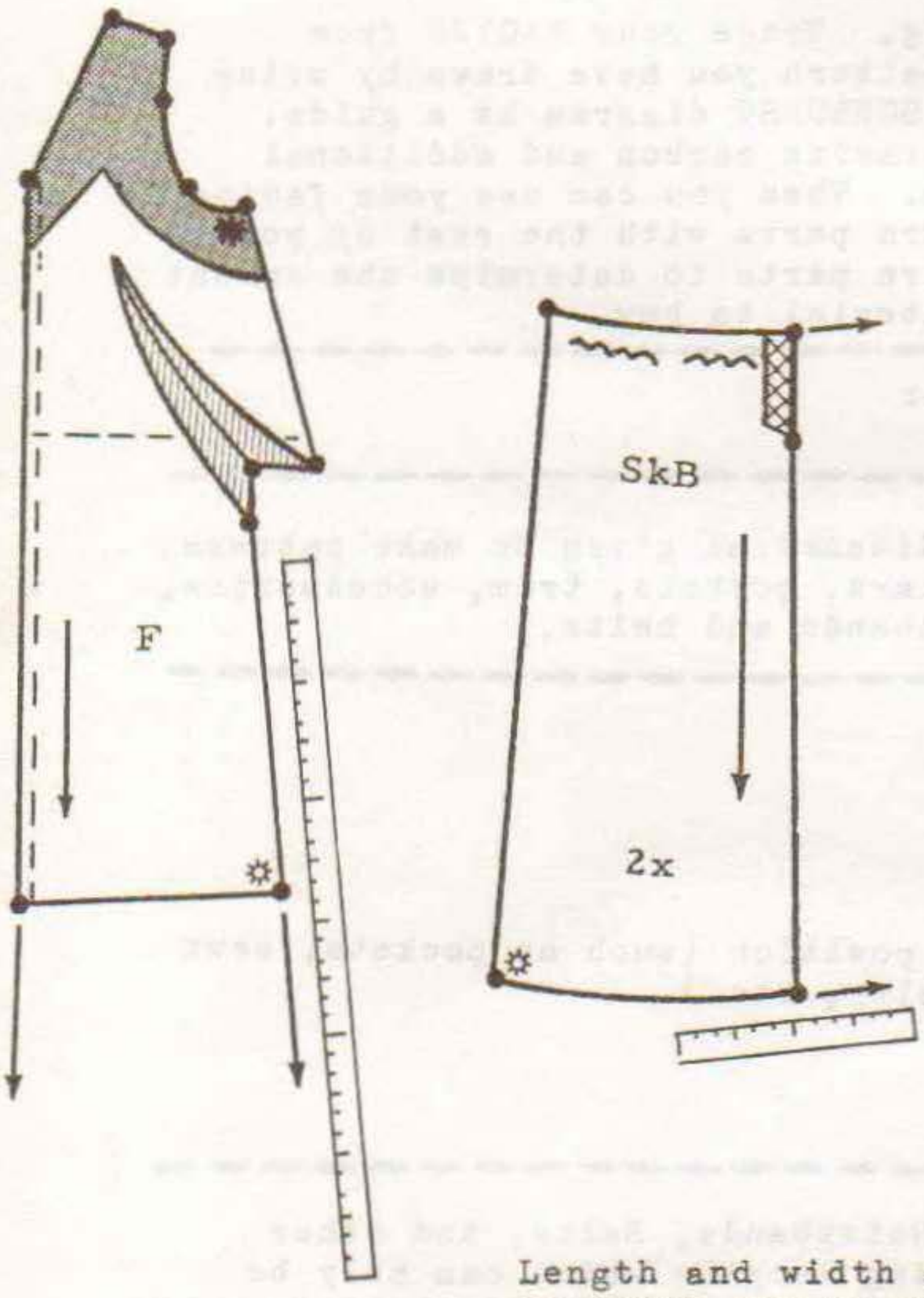
Trim position (such as pockets, sewn in belts, etc.)

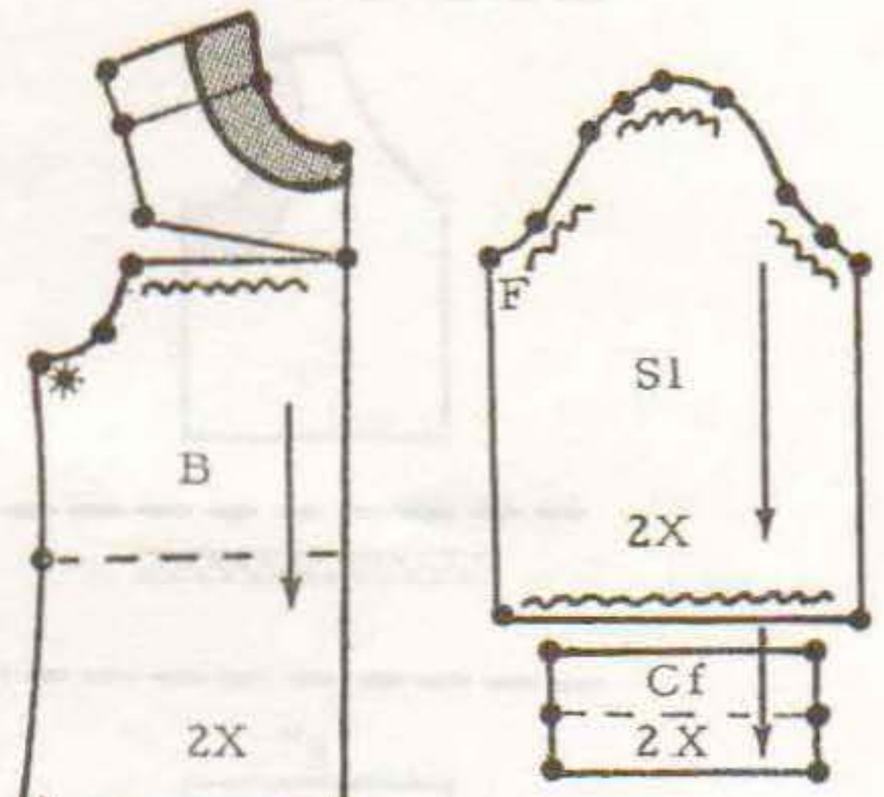



For Waistbands, Belts, and other varying lengths which can only be decided by your individual measurements, extend to length necessary to fit your own measurements.




You will find two dots circled on your SUNBURST pattern. When you draw out your pattern, CIRCLE these two dots and your expanded pattern will look like your SUNBURST diagram. Now take your yardstick and draw a line between these two CIRCLED dots for your grainline. (This is built into your pattern in cases where the grainline is difficult to determine by the use of straight of grain arrows.)




Yokes & Cuffs

Some patterns have the yokes drawn with the parts they are sewn to. Some sleeve patterns are drawn with cuffs on the same SUNBURST pattern. This is no problem. Simply follow your SUNBURST pattern diagram to connect your dots as shown. (This will also be true of most paneled patterns).

Length and width arrows are shown where extra length or width may be desired or necessary to obtain pattern illustrated. Simply use your ruler or yardstick to extend the DOTS in the SAME direction the lines are running. Then connect the dots.

# Use of Curve

STYLING CURVE

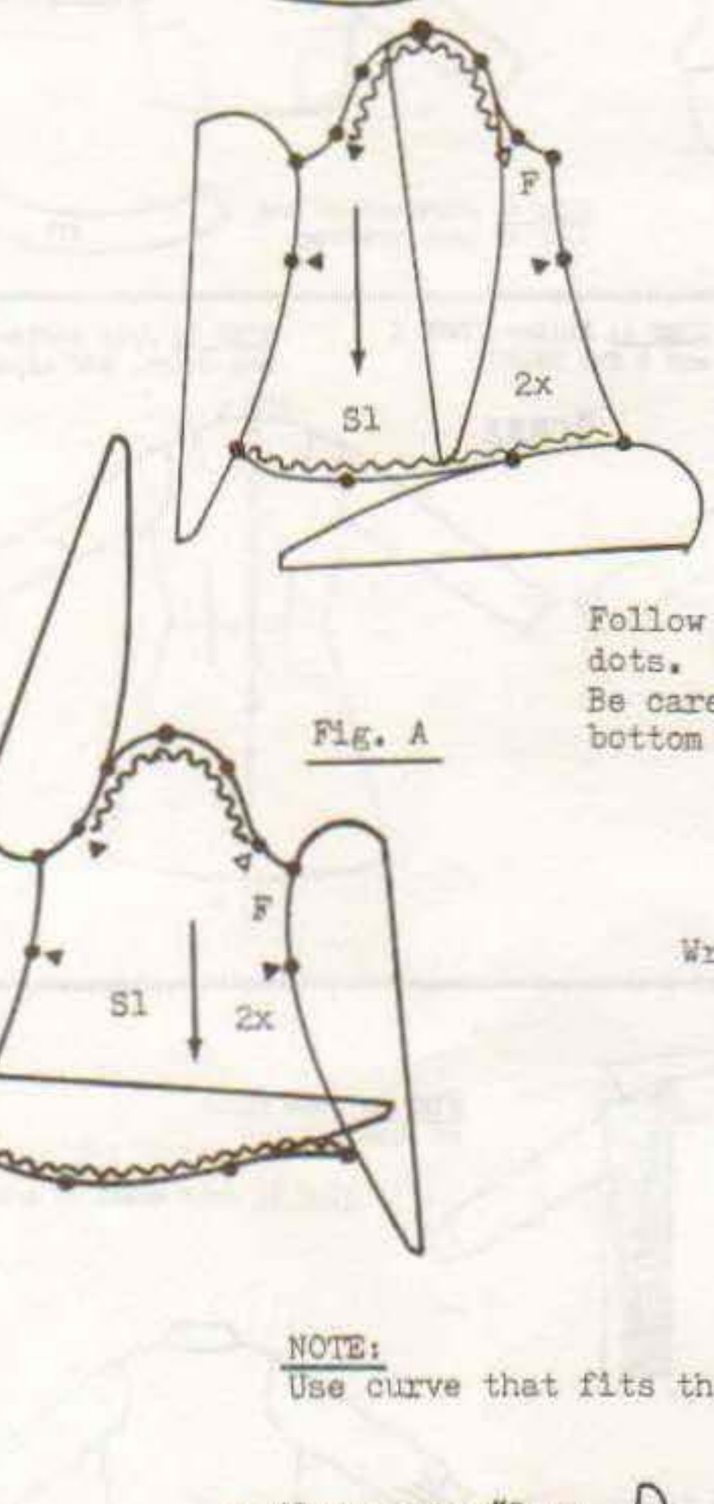
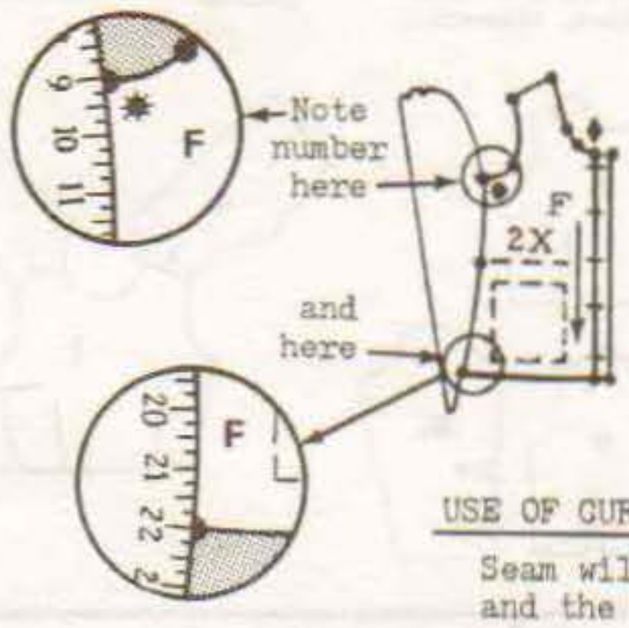
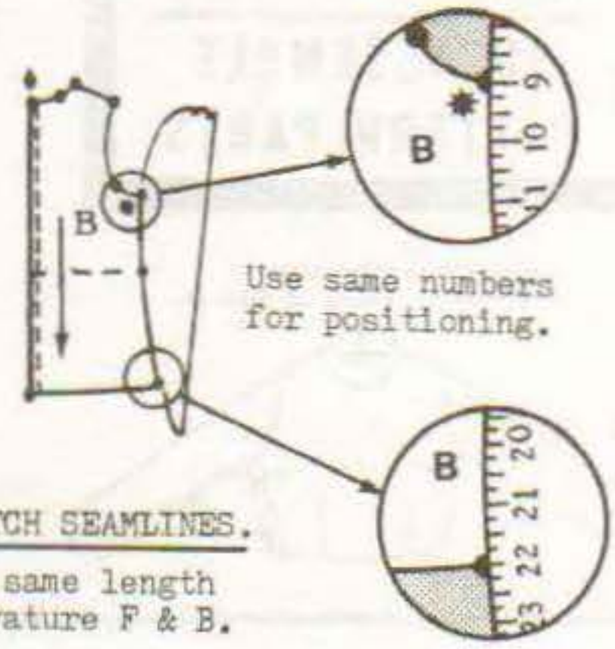



Fig. A



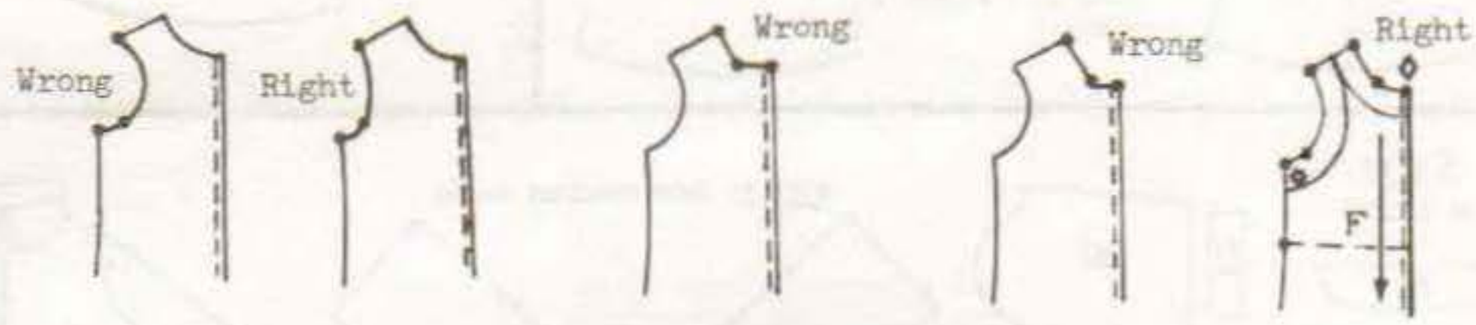




USE OF CURVE TO MATCH SEAMLINES.

Seam will be the same length and the same curvature F & B.

Use the same procedure with curvature positions on Sleeves to make arm seams match (Fig. A), and on Pants (Fig.s B, C, D, & E). Any other matching seam curvature will be handled in the same way, including skirts front and back. (Not shown)

Follow diagram very carefully, re-positioning the curve when necessary between dots. Start from the shoulder and work down with armholes and deep necklines. Be careful there is no peak or dip in the center front of a round neckline or at bottom of armhole which has side seam in center of armpit.




If neckline is round.

NOTE:
Use curve that fits the dots best, matching most closely the diagram.

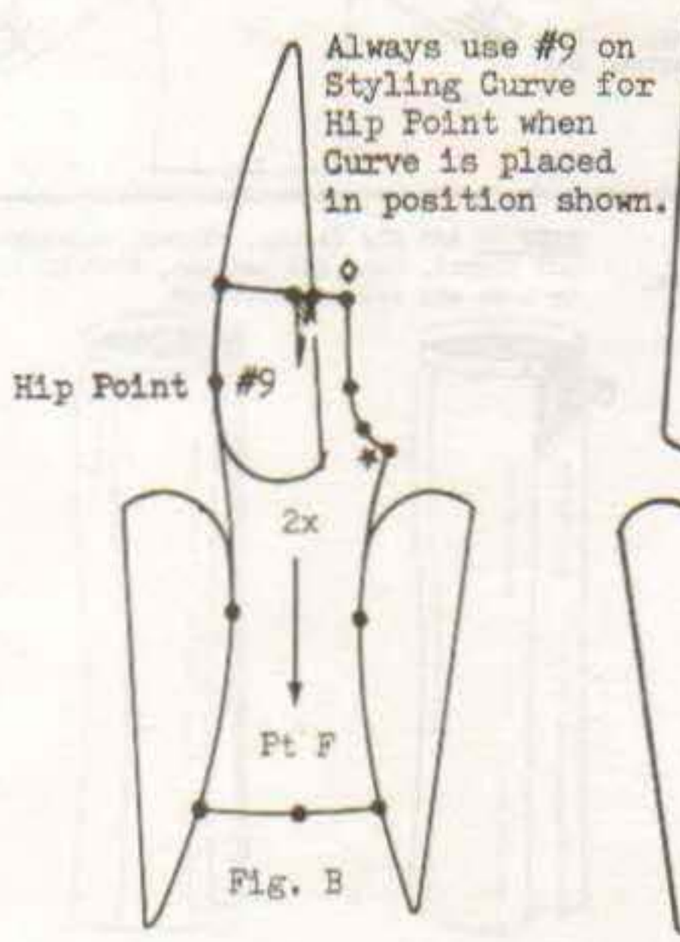



Fig. B

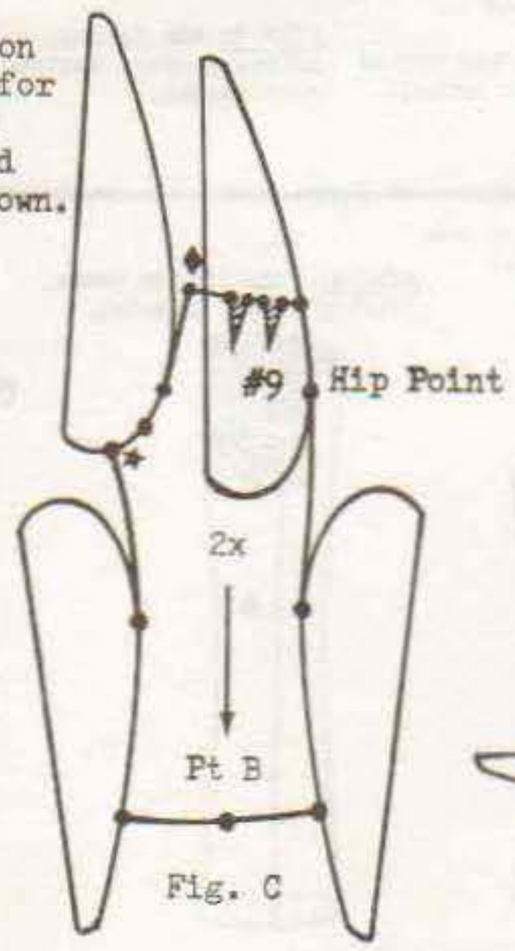



Fig. C

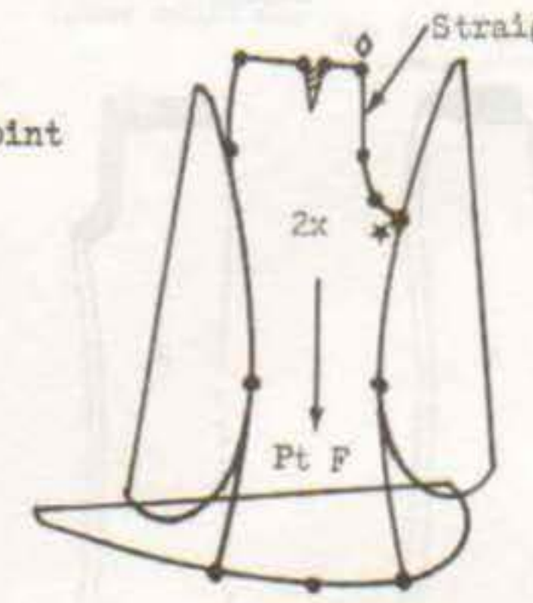



Fig. D

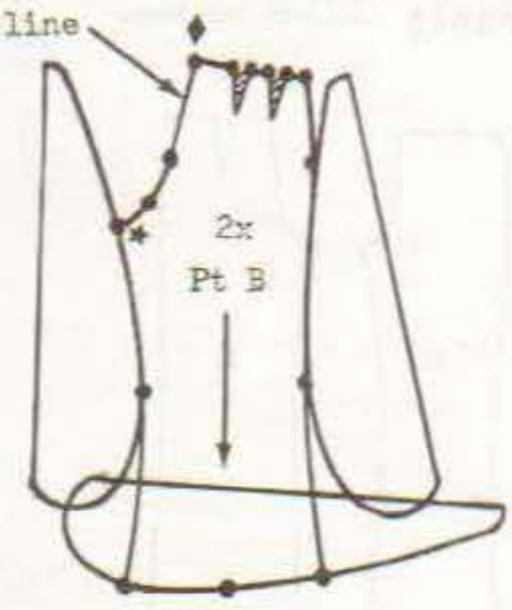



Fig. E.

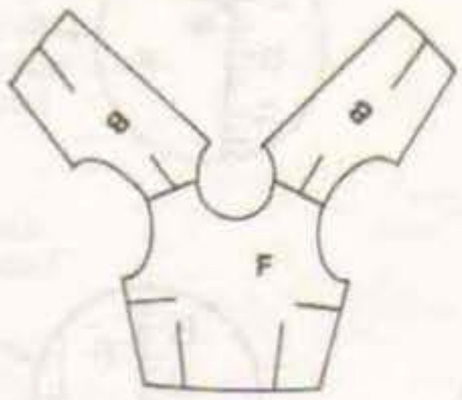
# QUICK-DO METHOD TO ASSEMBLE PATTERN PARTS

## Bodice

SEWING NOTE: After sewing seams, trim and clip where necessary. Press seams open.

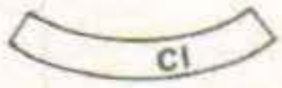
STEP 1: Close darts on front and back bodices, sleeves.

STEP 2: Join shoulder seams.




STEP 3: Join top of sleeve to armhole.

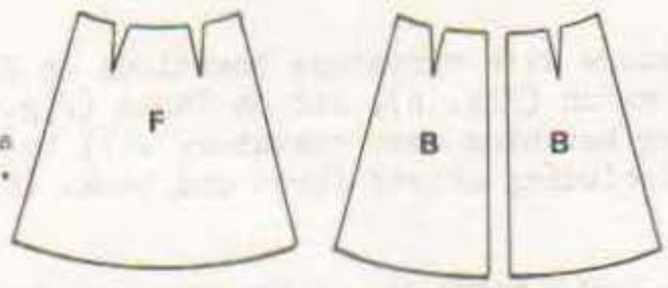
STEP 4: Face collar and join to neck opening.




STEP 5: Join sides of sleeves, sides of bodice.

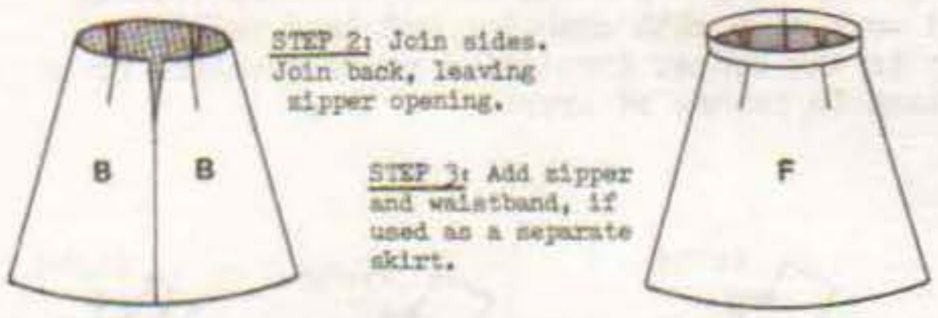
## Skirt

STEP 1: Close darts on front and backs.




STEP 2: Join sides. Join back, leaving zipper opening.

STEP 3: Add zipper and waistband, if used as a separate skirt.



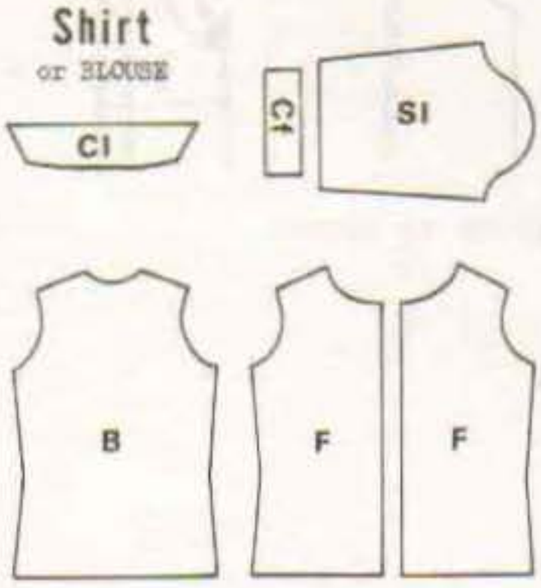

## Dress

STEP 1: Follow STEPS 1 through 5 for BODICE.

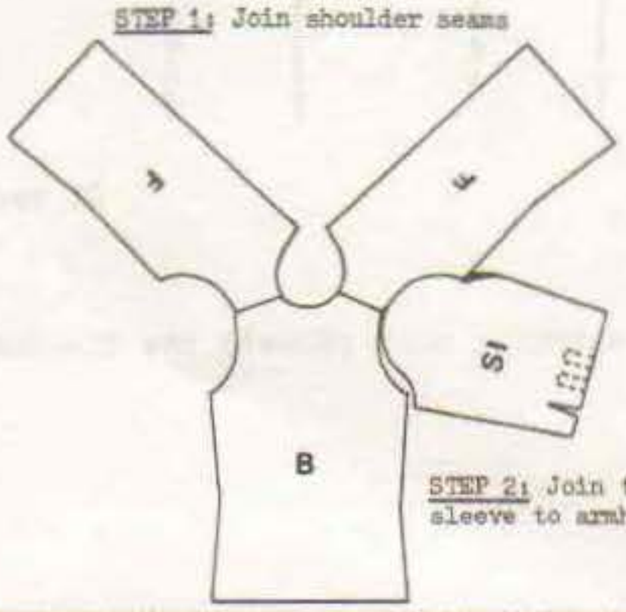
STEP 2: Follow STEPS 1 and 2 for SKIRT.

STEP 3: Join bodice and skirt. Add zipper.

## Shirt
or BLOUSE




STEP 1: Join shoulder seams




STEP 2: Join top of sleeve to armhole.

STEP 3: Join sides of sleeves.

STEP 4: Join sides of shirt.

STEP 5: Add facing, collar, cuffs, pocket, buttons and buttonholes.

## Pants

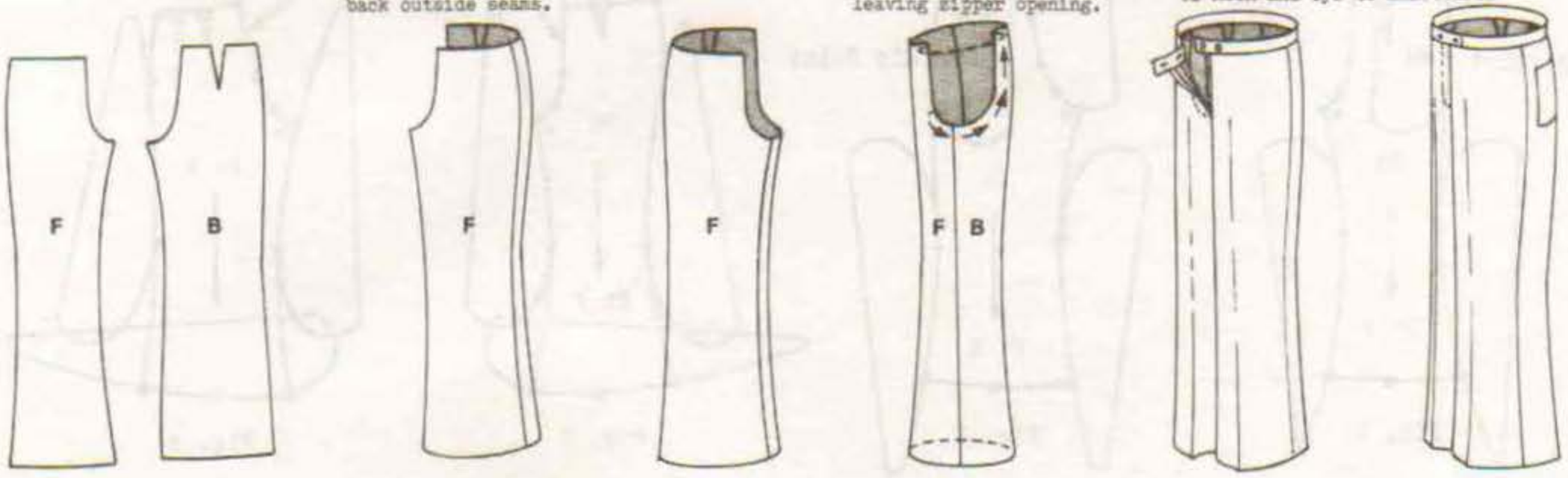
STEP 1: Close darts in back sections.

STEP 2: Join front and back outside seams.

STEP 3: Join front and back inside seams.

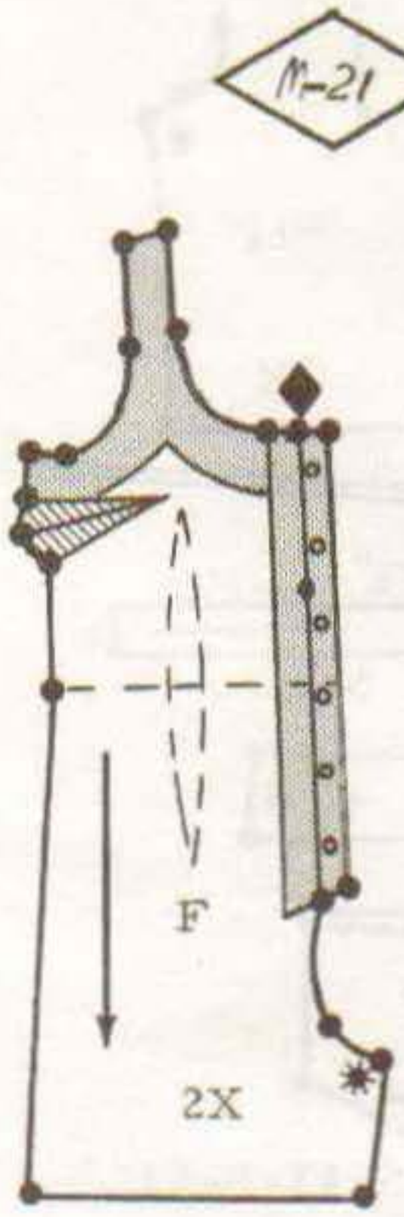
STEP 4: Join crotch seams, leaving zipper opening.

STEP 5: Add fly facing, zipper, waistband and pocket. Hem. Add buttons, buttonholes or hook and eye to waistband.

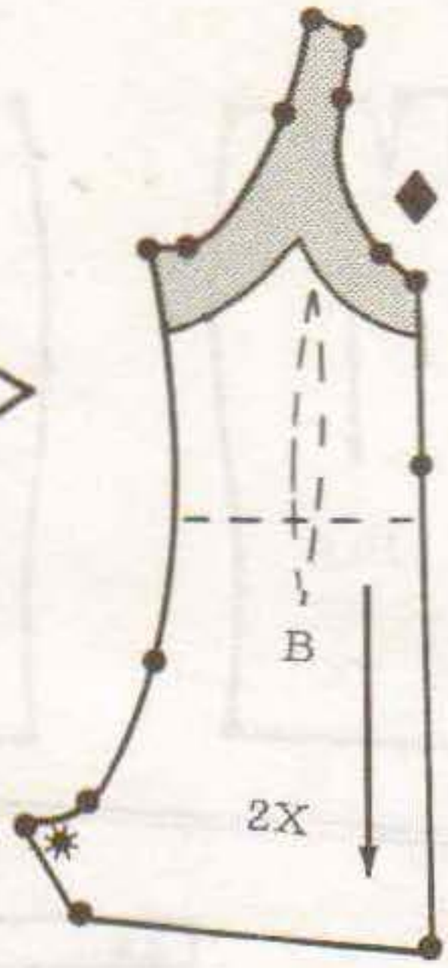


# SUNBURST Pattern Diagrams

M-21




S-421-P-57

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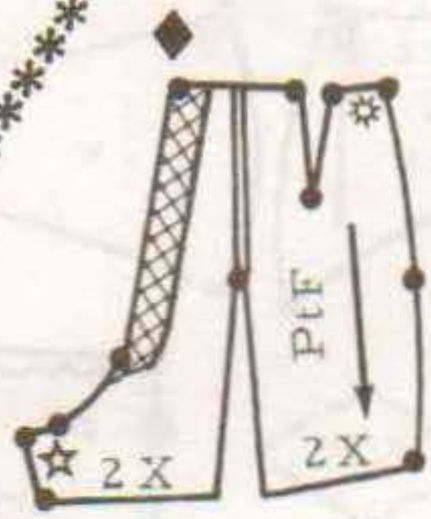


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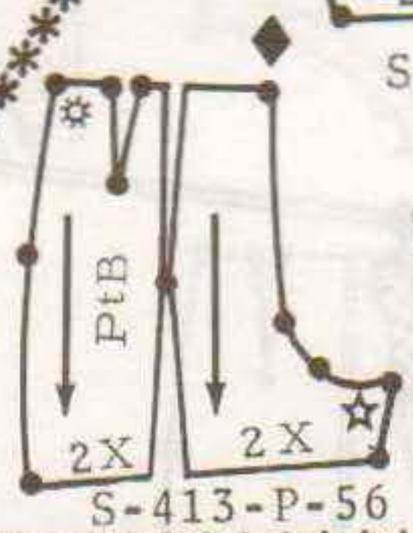
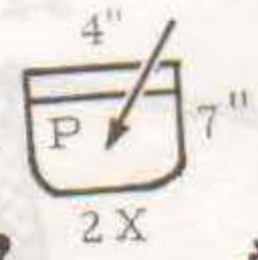
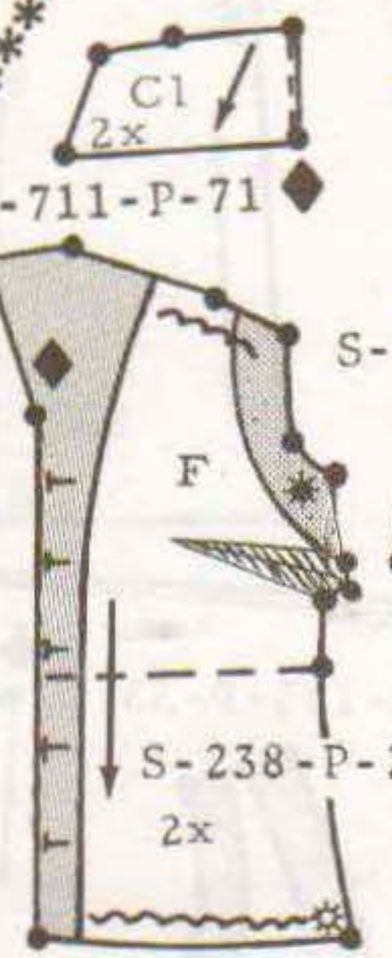



S-413-P-56

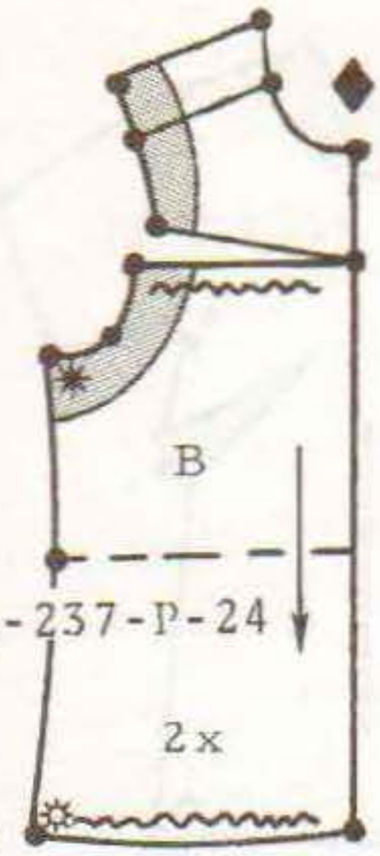



M-22

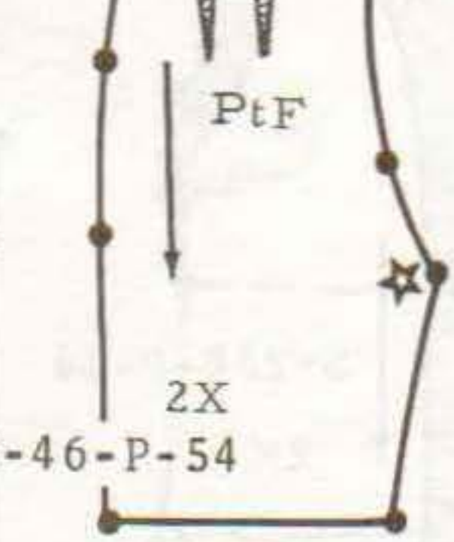



S-711-P-71

S-238-P-24
2x

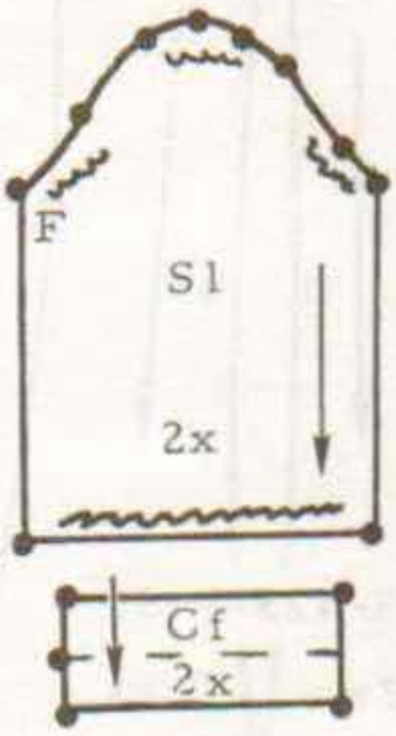



S-237-P-24

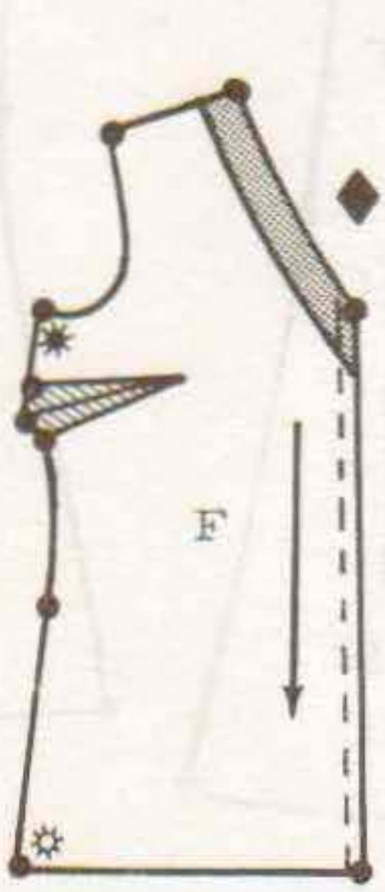



S-45-P-54

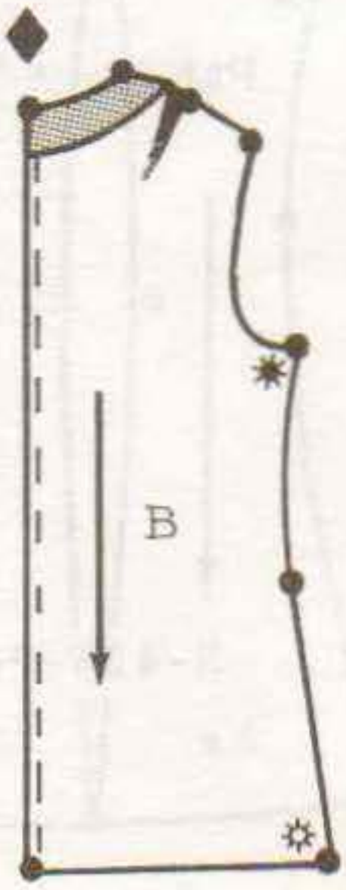
S-726-P-73



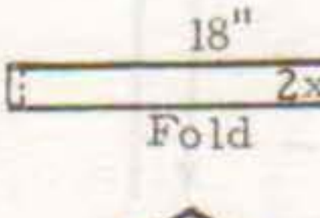

S-622-P-64




S-235-P-24




S-236-P-24




M-23




S-46-P-54

Sunburst
IV-5

M-24

S-22-P-10

F

S-23-P-10

B

2X

S-47-P-54

PtB

2X

S-48-P-54

PtF

2X

S-122-P-33

B

S-123-P-33

F

2X

S-247-P-31

Bra

F

2x

2x

B&S

18"

2x

1"

Shld. Stp.

M-25

S-44-P-53

Sh

F

S-43-P-53

ShB

S-711-P-71

Cl

2x

M-26

S-238-P-24

F

2X

S-237-P-24

B

2X

S-426-P-58

PtF

PtF

2x

2x

S-425-P-58

PtB

PtB

2x

2x

Sunburst

IV-6

PtB

S-424-P-57

2X

PtF

S-423-P-57

2X

M-27

S-233-P-23

F

2X

S-234-P-23

B

2X

Waist Measurement + 5"

3"

Blt.

M-28

B

S-428-P-58

2X

F

S-427-P-58

2X

C1

2x

S-723-P-73

Sleeve

M-28

M-210

S1

F

S-614-P-66

2X

S-428-P-58 B

2X

M-210

2X

S-427-P-58

F

F

2x

S-42-P-53

S-41-P-53

2x

B

S1

F

S-632-P-65

2X

M-211

8"

5"

Cf

2X

S1

2x

F

S-634-P-68

C1

2X

S-712-P-71

S-431-P-60

F

2X

S-432-P-60

B

2X

M-29

Simplicity

IV-7

PtB
2X
S-419-P-59
2X
PtF
S-420-P-59
M-212
18"
1"
2x
Shld Stp
SkF
S-327-P-47
SkB
2x
S-328-P-47
M-213
Bra
F
2x
2x
B&S
S-247-P-31
F
S-24-P-11
B
2x
S-25-P-11
2"
Waist Measurement + 2"
Wb
S-122-P-33
S-123-P-33
F
2X
B
2X
Sl
2x
F
S-634-P-68
6"
P
2x
8"
S-12-P-11
F
Sl
2X
S-620-P-69
B
2X
S-11-P-11
F
2X
M-214
PtF
S-418-P-59
PtB
S-417-P-59
2X
2X
Sinburst
IV-8

M-215

2x
S-523-P-8
B

S-524-P-8
L
2x

F
2X
S-11-P-11

B
S-12-P-11
2X

F
S1
2X
S-620-P-69

M-217

S-315-P-43
SkF
2X

6"
P
8"
2x

S-316-P-43
SkB
2X

M-216

F
2X
S-59-P-4
2X

NOTE:
Dress
only.

Cut
here

B
2X
S-510-P-4
2X

S
F
S-44-P-53

S
B
S-43-P-53

SkB
S-324-P-45
2X

SkF
S-323-P-45
2X

M-218

18"
2x
Shld Stp.

Bra.
F
2x

2x
B&S
S-247-P-31

Sunburst
IV-9

M-219

S-54-P-2

2X

F

B

2X

S-53-P-2

Waist Measurement + 5"

5"

Blt.

M-220

2X

S-510-P-4

2X

F

B

2X

S-59-P-4

2X

S-12-P-11

B

2X

S-11-P-11

F

2X

6"

P

2x

8"

S-620-P-69

S1

2X

2X

S-54-P-2

F

S-28-P-12

B

2X

S-29-P-12

Cl

19"

2"

SkF

S-330-P-48

SkB

S-329-P-48

2X

F

S-533-P-36

2X

Sunburst

IV-10

M-221

M-222

M-223

F

B

5"

Waist Measurement + 5"

Blt

S-534-P-1

2X

S-535-P-1

2X

M-224

B

F

2X

S-512-P-5

S-511-P-5

Cf 2X

S-630-P-65

F

S1

S-630-P-65

2X

2x

F

S-256-P-25

B

2x

S-260-P-25

F

B

S-51-P-1

S-52-P-1

2X

M-225

Sk F

S-346-P-51

Sk B

S-348-P-51

2X

M-226

3"

Blt.

Waist Measurement + 5"

Sunburst IV-11

S-261-P-25

F

2x

S-262-P-25

B

2x

S1 F

S-615-P-66

2x

M-227

Sk F 2 x

S-349-P-51

Sk B 2 x

S-348-P-51

2"

2¼"

36"

¼ Waist Measurement

4½"

"Waist Measurement + 5"

F

2X

S-56-P-2

B

S-55-P-2

M-228

2X

C1

S-722-P-73

F1

S1

S-622-P-64

2X

Cf

2X

M-229

2X

S-514-P-5

B

F

S-513-P-5

2X

F

S-619-P-69

S1

2X

Cf

2X

S-64-P-61

C1

2x

S-719-P-73

Simplicity

IV-12

M-230

S-725-P-73

C1 2x

S-622-P-64

F S1

2x

B

Cf 2x

S-528-P-9

2X

S-527-P-9

2X

F

36"

37"

Tie

15"

Blt

2"

M-231

S-265-P-29

F

2X

S-266-P-29

B

2X

SkF

S-332-P-48

SkB

2X

S-331-P-48

12"

Waist measurement + 2"

Cumberbund

Cf 2X

S-61-P-61

S1

F

2X

S-69-P-63

NOTE: After skirt is drafted, draw in pleat lines. If dots at top and bottom of skirt appear curved, draw a line at top & bottom from side seam to side seam, making a perfect rectangle.

F S1

2X

S-638-P-68

S-344-P-52

Sk F

S-345-P-52

Sk B

M-232

F

S-264-P-26

B

S-263-P-26

2X

12"

1½"

Neckband 4x

15"

3"

Blt

Hip measurement + 5"

Jabot

21"

6"

4"

Cf 2X

9"

S1 F

S-630-P-65

2X

Cf 2X

C1 4X

S-78-P-72

2X

S-53-P-2

F

B

S-54-P-2

2X

Waist measurement + 5"

5"

Blt

M-233

Sunburst IV-13

S-725-P-73

C1 2x

M-234

F 2X

S-26-P-12

B

S-27-P-12

F S1 2X

S-624-P-64

Cf 2X

S-636-P-68

F S1 2X

S-620-P-69

F 2x

S-261-P-25

B 2x

S-262-P-25

M-235

Sk F

S-349-P-51

Sk B

S-348-P-51

3" Belt

2" Waist Measurement + 5"

Belt

SkB

SkF

S-315-P-43 2X

S-316-P-43 2X

S-73-P-72

C1

M-237

F S1 2X

S-620-P-69

35" 6"

Sash

M-236

F

S-58-P-3 2X

B

S-57-P-3 2X

F S1

S-622-P-64 2x

Cf 2x

F B

S-53-P-2

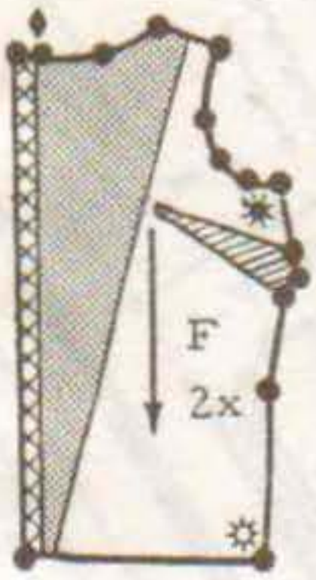
S-54-P-2 2X

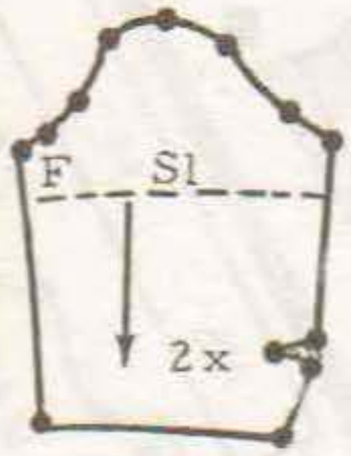
6" P 8" 2x

Sunburst IV-14

S-14-P-13

S-13-P-13



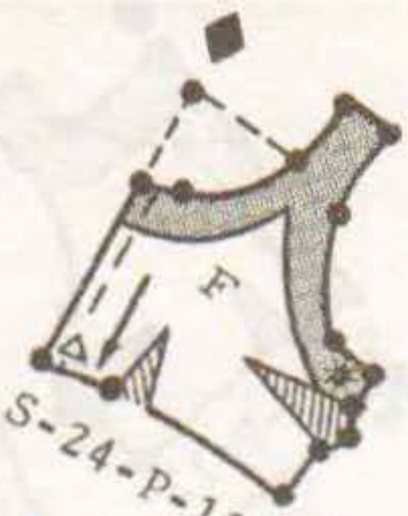




S-66-P-62

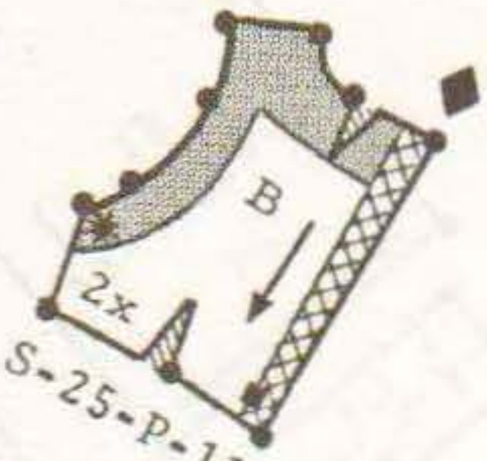
S-341-P-50

S-340-P-50

M-238



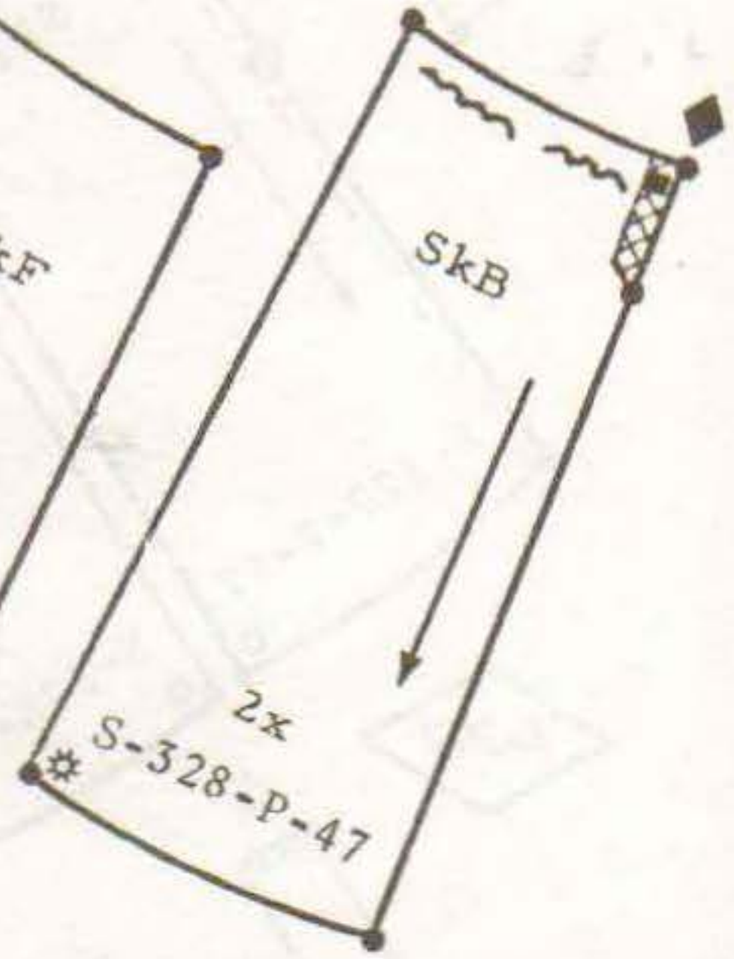

S-24-P-11




S-25-P-11

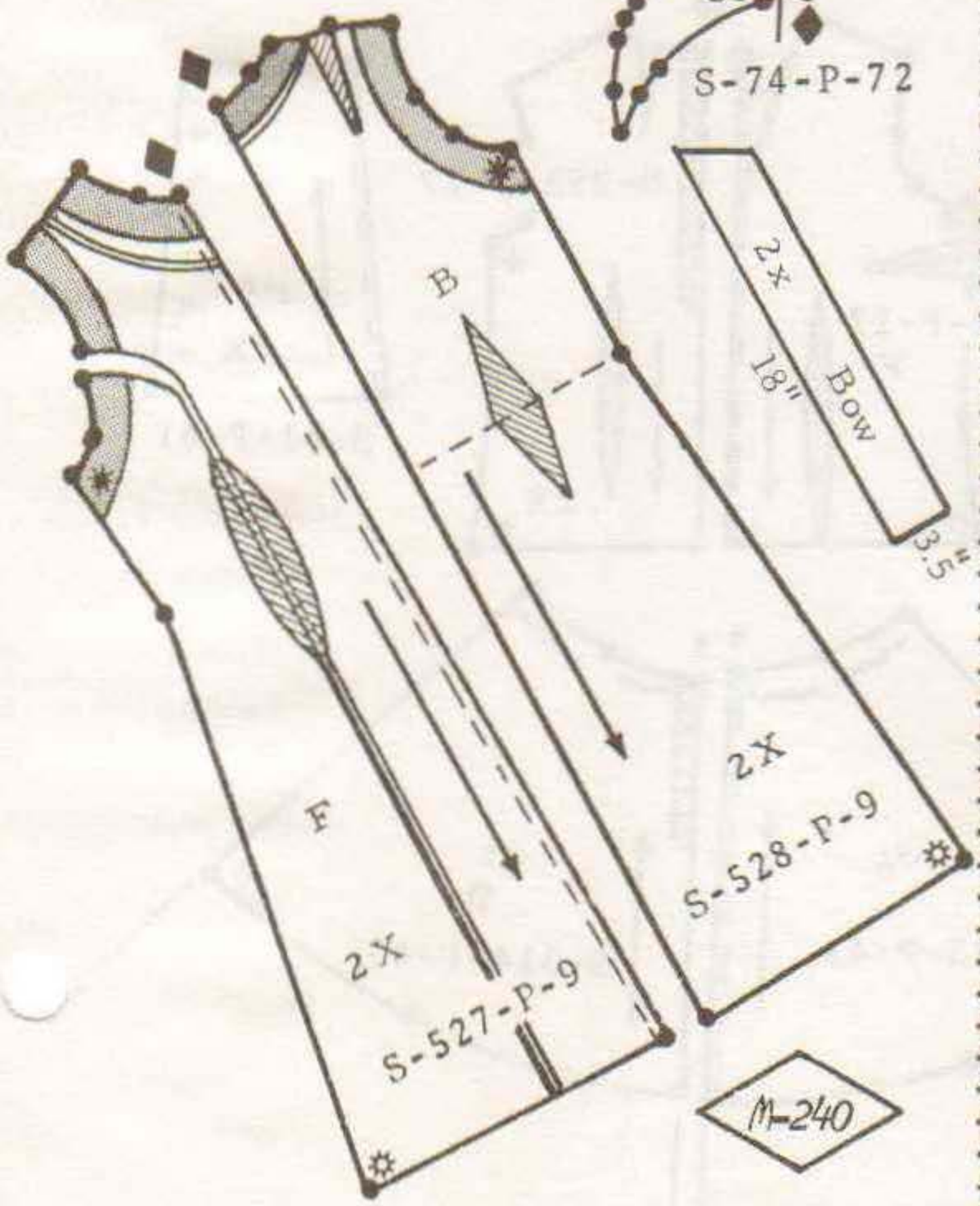
M-239

S-327-P-47




S-328-P-47

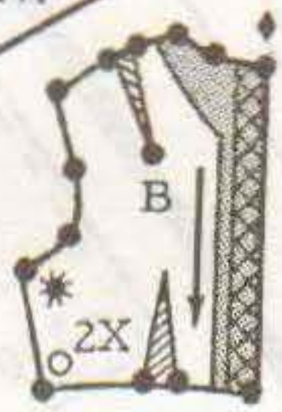
S-74-P-72



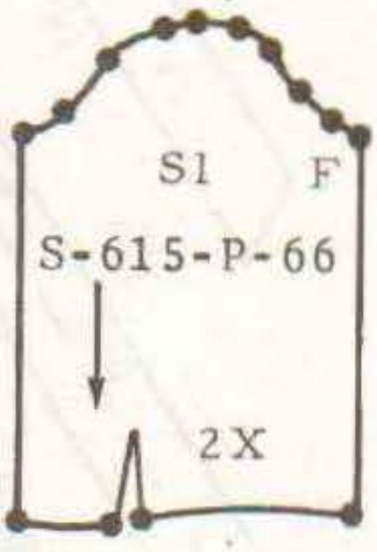

M-240

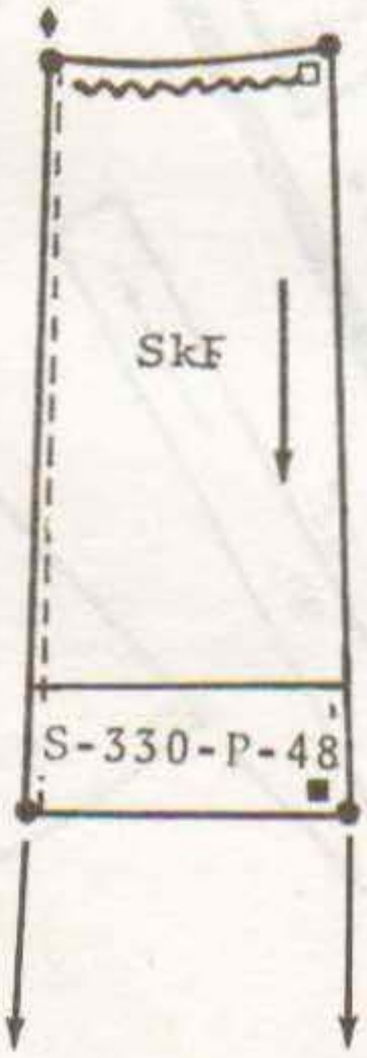
S-28-P-12

M-241

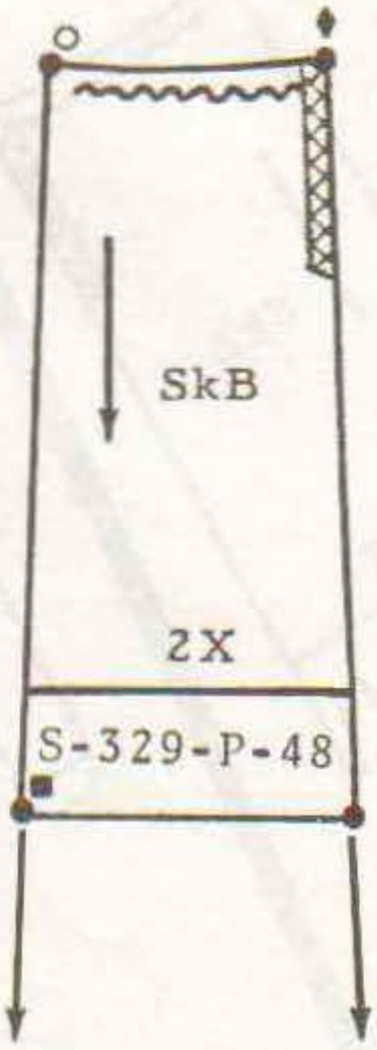



S-29-P-12

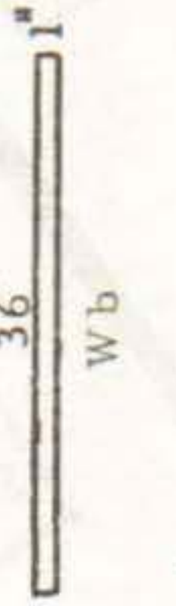



S-330-P-48




S-329-P-48




Sunburst
IV-15

F
S1
S-622-P-64
2x
Cf
2x
S-24-P-11
F
B
2x
S-25-P-11
SkF
SkB
S-327-P-47
2x
S-328-P-47
M-242
3"
7ie
18"
2x
35"
Wb
4"
SkE
S-330-P-48
SkB
2X
S-329-P-48
2.5"
Wb
34"
S-29-P-12
F
B
2X
S-28-P-12
16"
C1
2"
Waist Measurement + 2"
Cumberbund
12"
C1 Ruffle
2x
27"
24"
4"
S1
S-615-P-66
F
2X
M-244
S-69-P-63
S1
2X
F
M-243
M-245
2"
C1 Ruffle
2x
18"
S-253-P-17
S-252-P-17
F
B
2X
Cf
2X
S-61-P-61
32"
Wb
3"
Sk
F
S-313-P-43
Sk
B
S-314-P-43
Simplicity
IV-16

M-246

S-329-P-48

2X

SkB

SkF

S-330-P-48

F

S-28-P-12

B

2X

S-29-P-12

S-615-P-66

F

S1

2X

14"

Bow

7"

35"

16"

C1

2"

Wb

4"

M-247

S-327-P-47

SkF

F

S1

S-623-P-64

2x

F

2x

S-24-P-11

B

2x

S-25-P-11

36"

1"

SkB

S-328-P-47

2x

S-710-

2xC1

P-71

9"

Cf

2X

=3

S-332-P-48

SkF

S-331-P-48

SkB

E

2X

S-527-P-9

2X

B

S-528-P-9

M-249

S1

F

S-621-P-64

2X

B

F

2X

S-27-P-12

36" S-26-P-12

2.5"

Blt

M-248

F

S1

2x

S-635-P-68

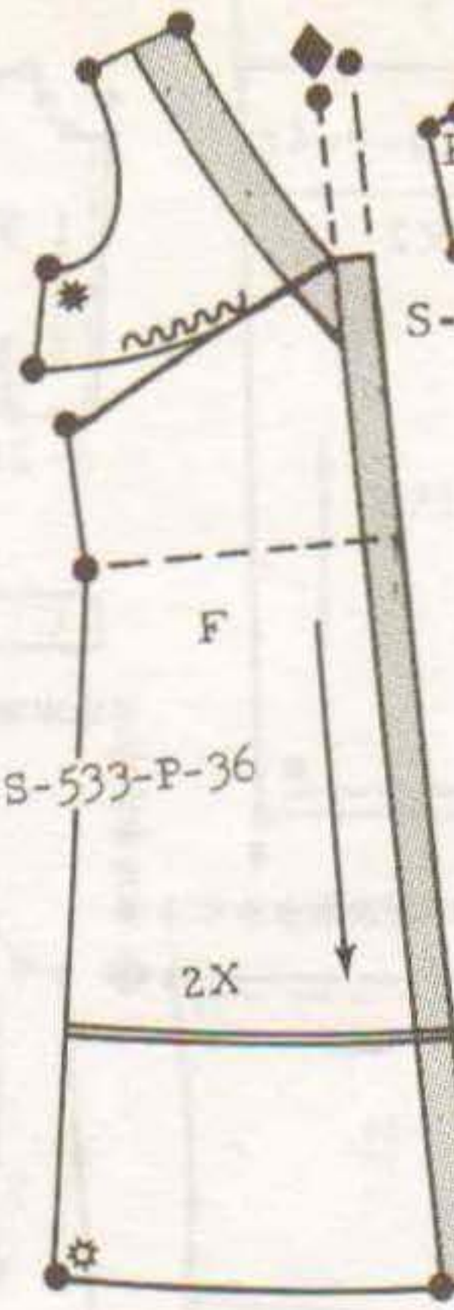
NOTE: Add Collar
Ruffle M-243, M-245

Sunburst
IV-17

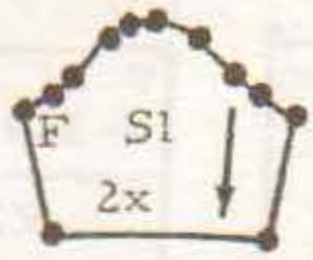
S-346-P-40

S-540-P-28

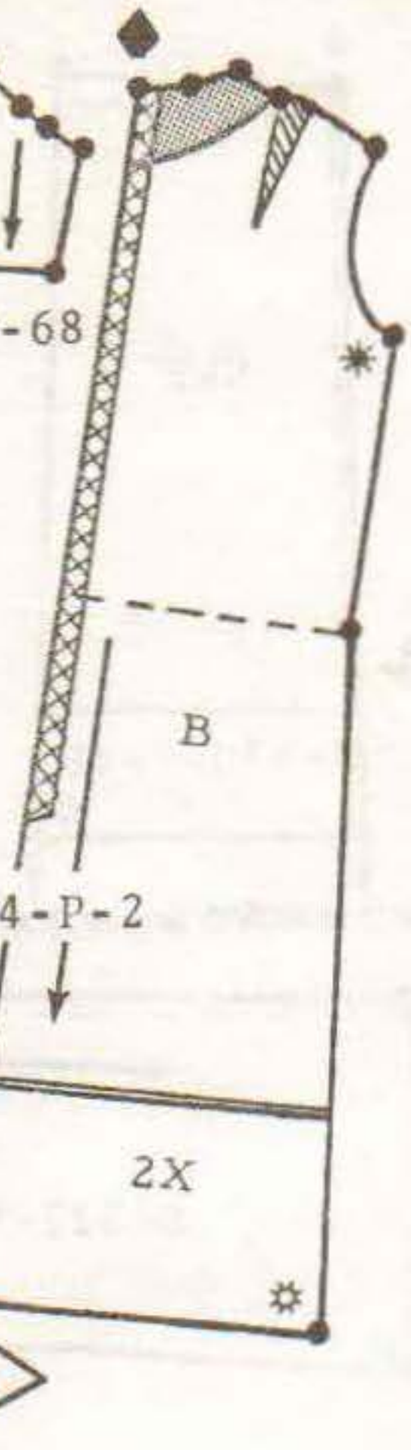
Make 1/16" tucks 3/4" apart




S-533-P-36

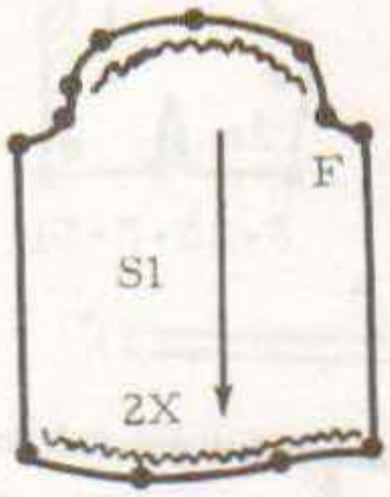



S-635-P-68

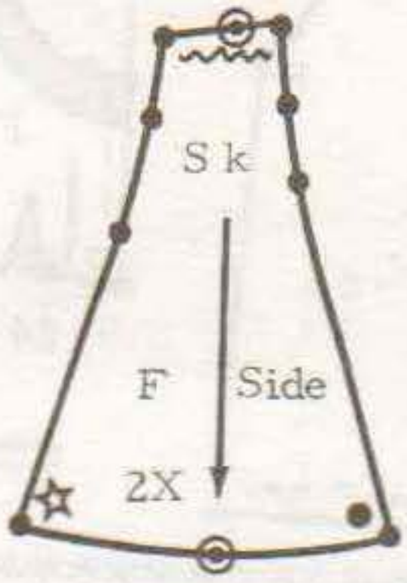



S-54-P-2

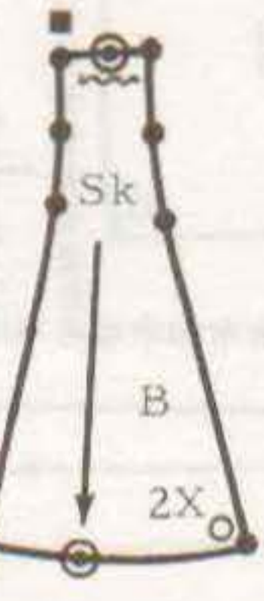
M-251



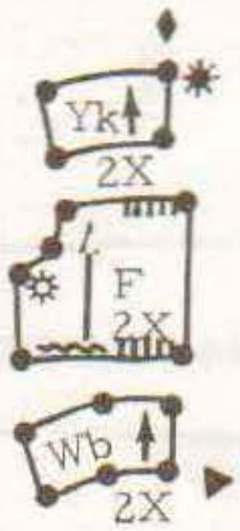

S-641-P-70




S-347-P-40



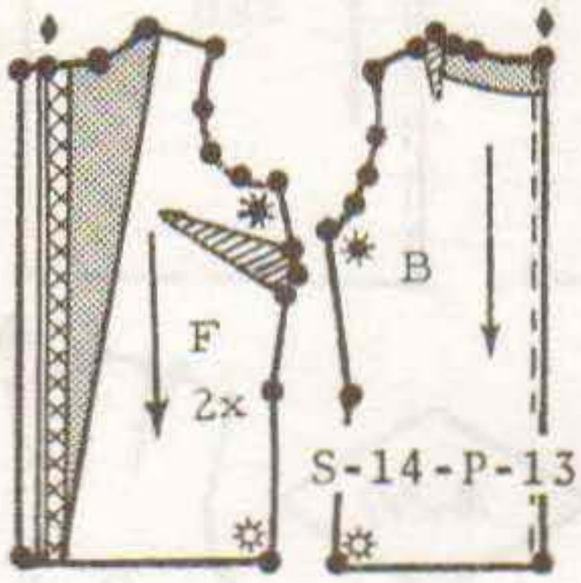

S-349-P-40




S-539-P-28

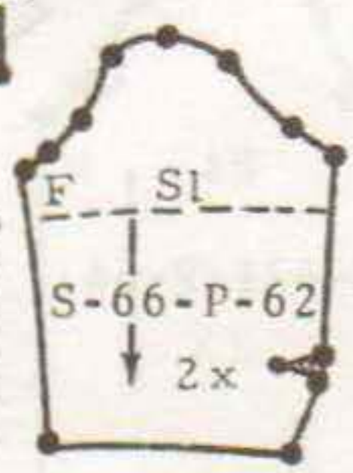
Make 1/16" tucks 3/4" apart

S-538-P-27



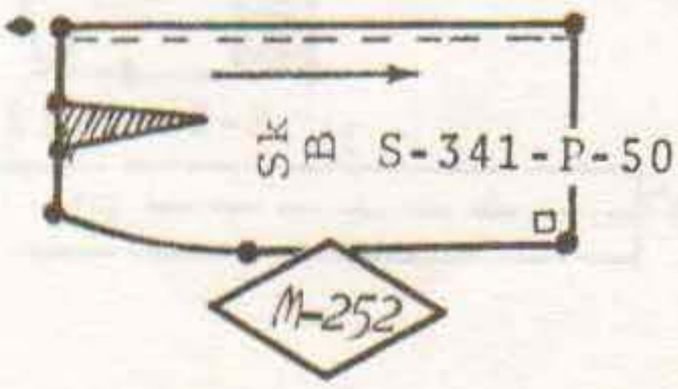

S-14-P-13

S-13-P-13




S-66-P-62

S-340-P-50

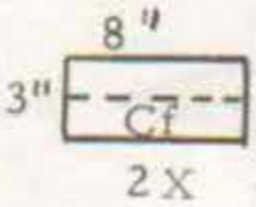



S-341-P-50

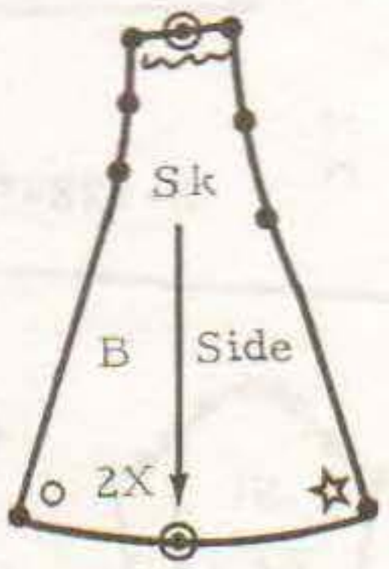
M-252

Sunburst IV-18

S-541-P-19




M-250




S-348-P-40

S-240-P-26

S-620-P-69

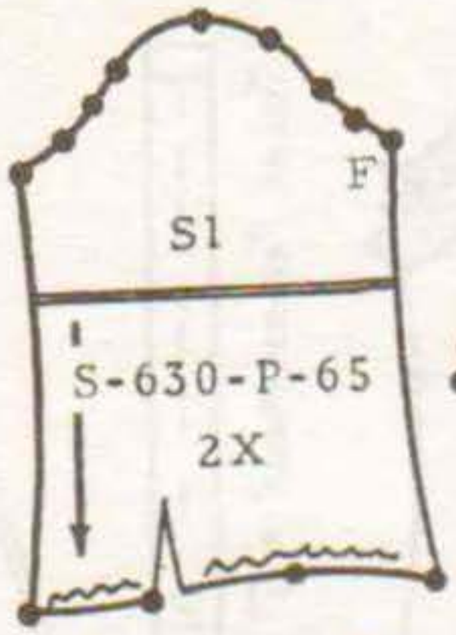
S-239-P-26

PLEATED RUFFLES: May be purchased pre-pleated or sewing machine pleated.

For sleeves - Measure around bottom of sleeve X 3".

For neckline - Measure from back waistline to front waistline on right; back waistline to end of crossover on left X 3".

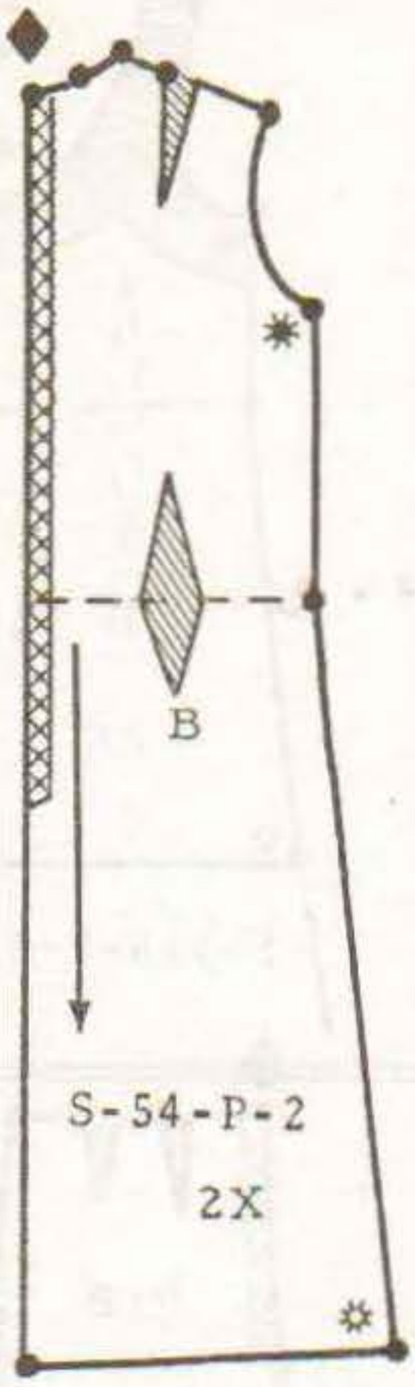
For skirt - Measure around skirt bottom X 5".




S-73-P-72

S-53-P-2

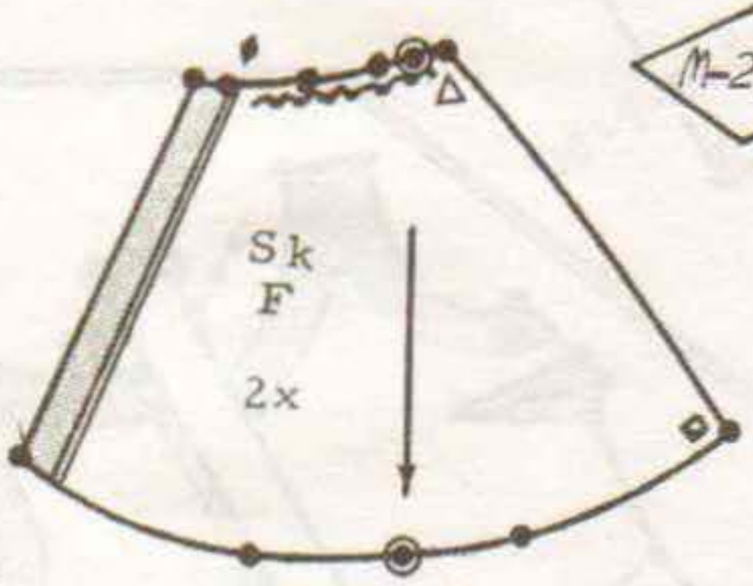
2X



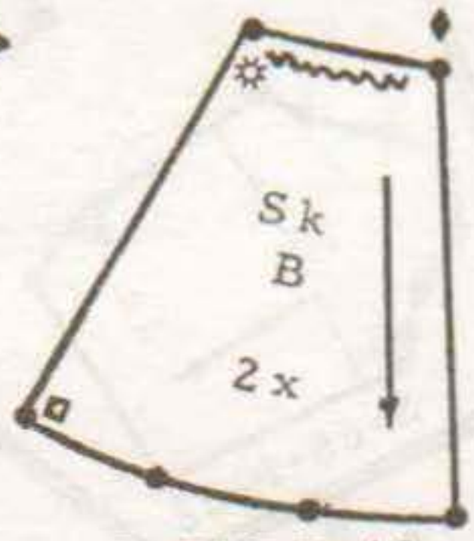

S-54-P-2

2X

M-253



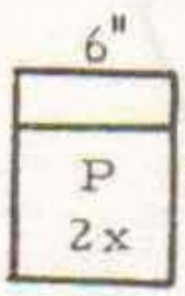

S-39-P-42

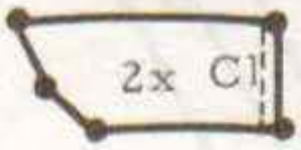


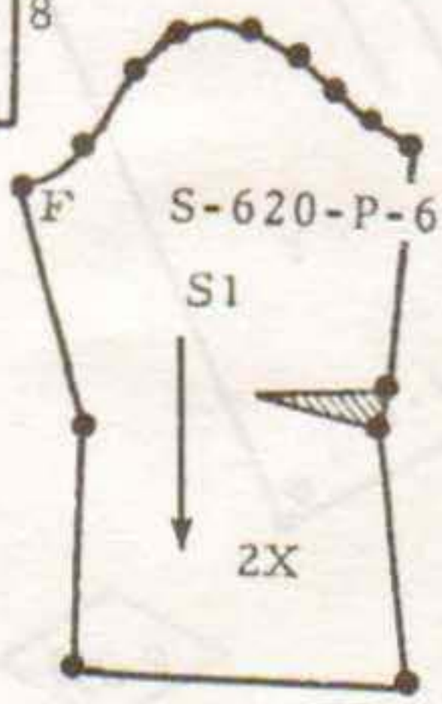

S-310-P-42

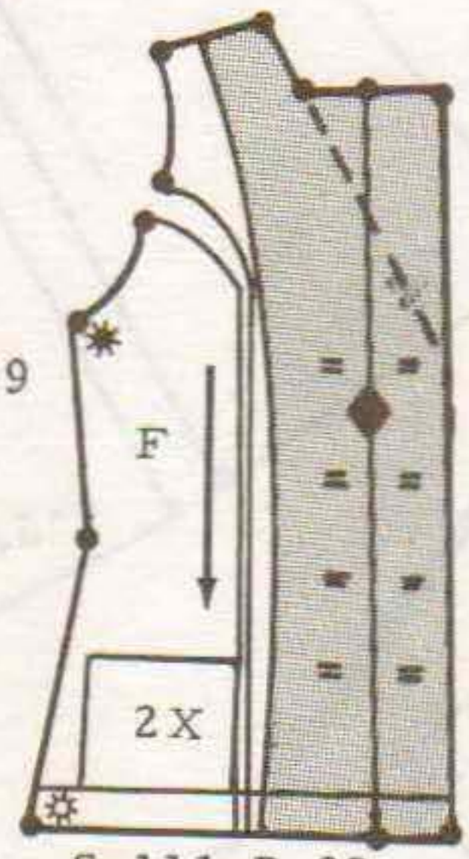
M-254

S-713-P-71

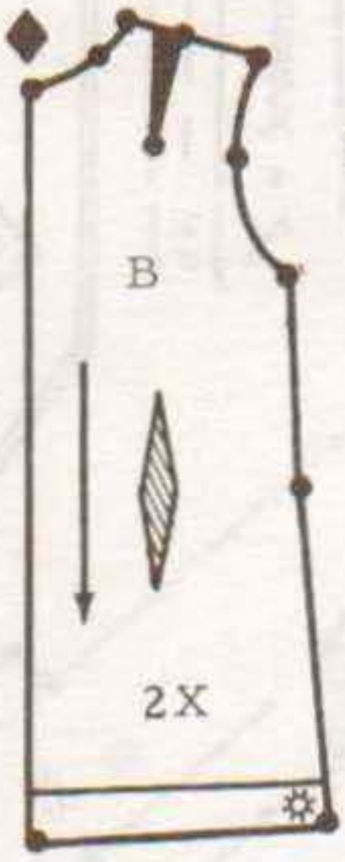


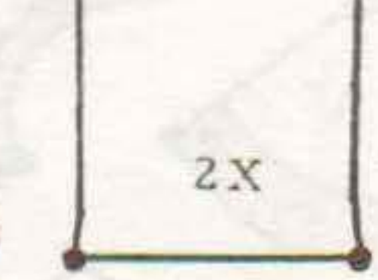



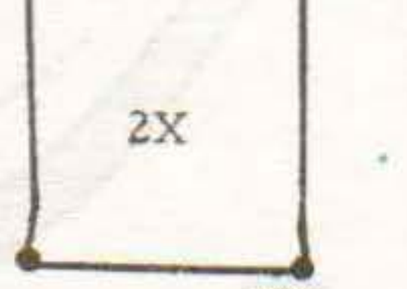

S-111-P-27




S-112-P-27




S-418-P-59




S-417-P-59

M-255

Sunburst IV-19

M-256

B

2X

S-515-P-6

F

2X

S-516-P-6

2"

Waist Measurement + 5"

Bl

S-14-P-13

B

S-13-P-13

F

2X

6"

2x P

2"

1½" wide by length of front

M-257
M-260

S-341-P-50

Sk B

S-340-P-50

Sk F

PtB

S-419-P-59

2X

S-420-P-59

PtF

2"

Waist measurement + 2"

Wb

S-66-P-62

TS

F

2X

2X

S-53-P-2

B

F

2X

S-54-P-2

F

2X

S-123-P-33

M-258

B

2X

S-122-P-33

M-259

Stinburst

IV-20

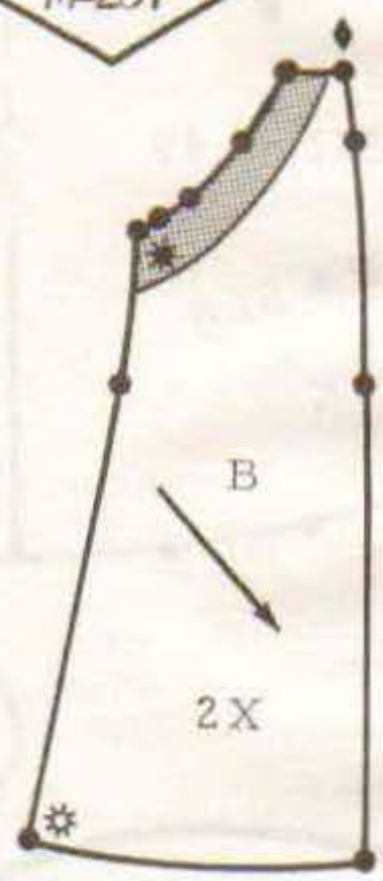
27.5" Tie

2x

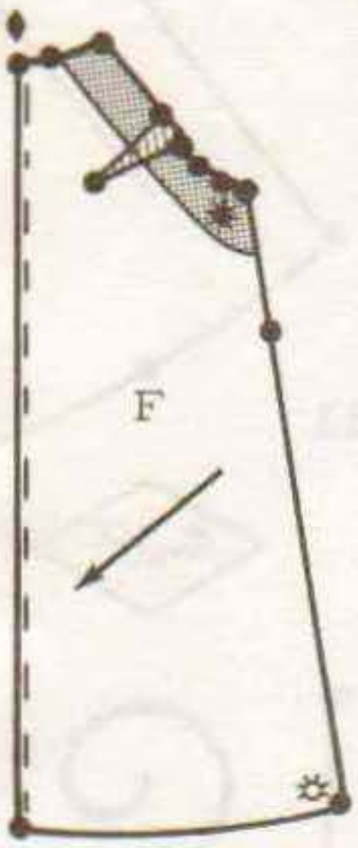
S-730-P-74

Yk 2x

M-261



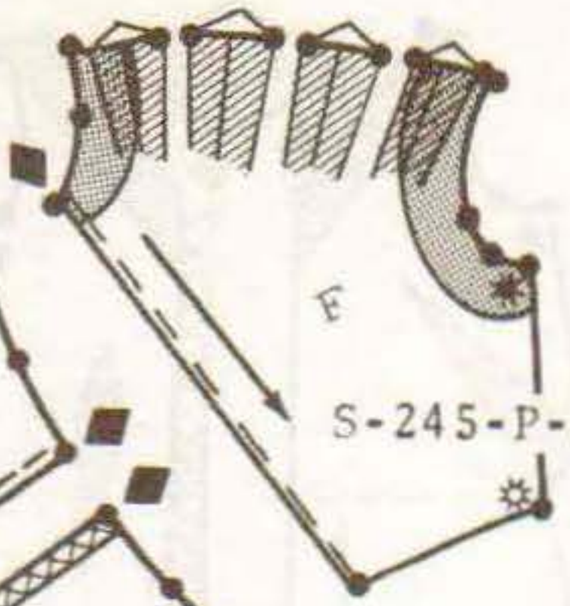

S-530-P-10




S-529-P-10

S-342-P-52

Sk E



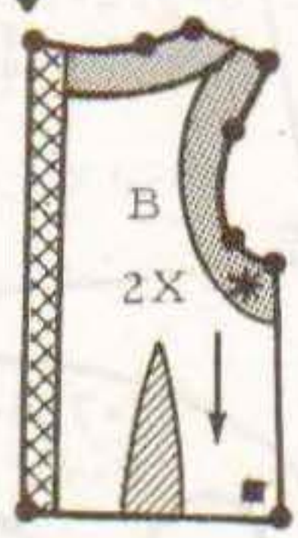

S-245-P-30

Sk B

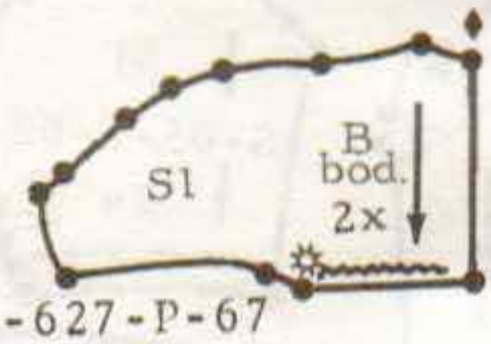
2X

S-343-P-52

M-262




S-246-P-30

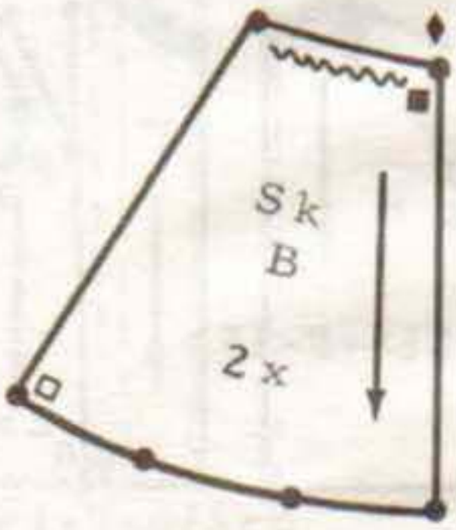



S-627-P-67

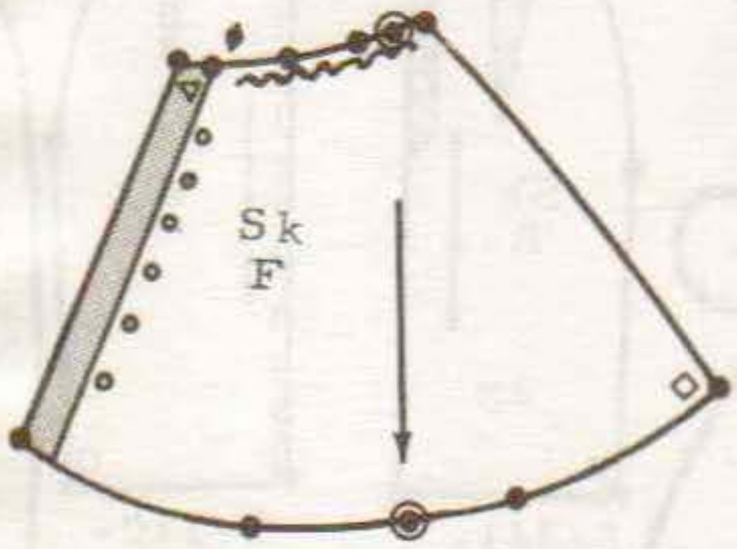
S-616-P-66

S-338-P-50

S-339-P-50



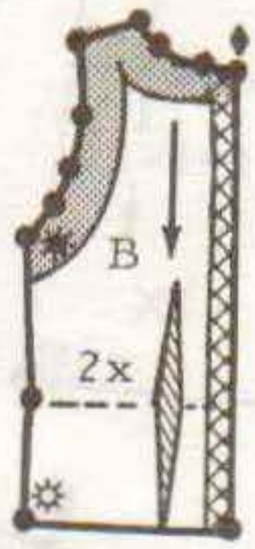

S-310-P-42



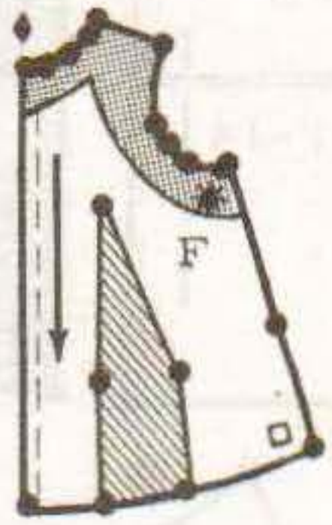

S-39-P-42

M-263

S-211-P-13




S-210-P-13



S-38-P-41

S-37-P-41

M-264

Sunburst IV-21

M-265

S-518-P-6
F
2X

S-517-P-6
B
2X

S-77-P-72
2x
C1
B
F
C

S-76-P-72

S-612-P-63
F
S1
2X

S-123-P-33
F
2X

S-122-P-33
B
2X

32"
3"
Wb

S-336-P-49
SkF & SkB
2X

St. Line
Pl. Line

M-266

S-716-P-71
C1 2x

M-267

4"
Cf
2X
14"

B
S-15-P-14

F
S-16-P-14
2X

S1
F
S-617-P-69
2X

B
S-17-P-14

F
S-18-P-14
2x

23.5"
1.5
Tie

F
S1
S-65-P-62
2x

S1 2x
F
S-633-P-68

2X
Sk
F&B
S-337-P-50

pleat line
stitch line

Sk
B
2x
S-341-P-50

Sk
F
S-340-P-50

B
F
S-215-P-15

F
F
2x
S-216-P-15

M-268

M-269

Sunburst
IV-22

Waist Measurement + 2"
4"
Blt

Blouse M-2124

Sk F

S-311-P-42

Sk B

S-312-P-42

F

Sl

2X

S-618-P-69

S-715-P-71

2 × Cl

S-15-P-14

B

2X

S-16-P-14

F

2X

M-270

Sl

F

S-618-P-69

2X

B

S-17-P-14

F

S-18-P-14

2X

6 1/2

P

2x

5 1/2

6 1/2

P

2x

8"

S-248-P-7

F

S-249-P-7

B

2X

M-271

F

Pt

2X

S-430-P-60

B

Pt

2X

S-429-P-60

S-420-P-59

XZ

PtB

F

2X

S-124-P-3

B

S-125-P-3

Sl

F

S-617-P-69

2X

PtF

2X

S-419-P-59

M-273

M-272

Sunburst

IV-23

M-274

B Cape

S-83-P-34

2x

F Cape

S-84-P-34

2x 2x

F Sl

S-625-P-67

2x

3"

1"

Loop

S-49-P-55

Pt F

2x

S-410-P-55

Pt B

2x

M-275

B

F

S-213-P-15

S-214-P-15

X2

S-420-P-59

Pt F

PtB

S-419-P-59

2X

M-276

S-15-P-14

B

S-16-P-14

F

2X

Blt

Sew into seams side & front

4"

Sl

F

S-617-P-69

2X

Cf

2X

10"

5"

Cl

2x

S-716-P-71

X2

S-417-P-59

PtB

PtF

S-418-P-59

2X

Cf

2X

9"

3"

F

S-629-P-65

Sl

2X

Hood

2X

S-127-P-74

W.m.+2"

2"

Blt

35"

Wb

4"

Sunburst

IV-24

B

S-125-P-16

F

2X

M-277

S-126-P-16

PtF

2X

S-420-P-59

2X

S-419-P-59

PtB

M-278

F

2X

B

S-123-P-33 S-122-P-33

F

S-113-P-27

2X

M-279 M-281

F

S-113-P-27

2X

M-280

6"

P

2x

8"

Waist Measurement + 2"

W

2.5"

S-34-P-46 S-33-P-46

M-279 Skirt

B

S-112-P-27

2X

2X Cl

S-713-P-71

F

S1

2X

S-620-P-69

M-279, M-281 Sleeve

M-279 M-280 M-281

SkF

2X

S-315-P-43

SkB

2x

S-316-P-43

M-280 Skirt

S-419-P-59

2X

PtB

PtF

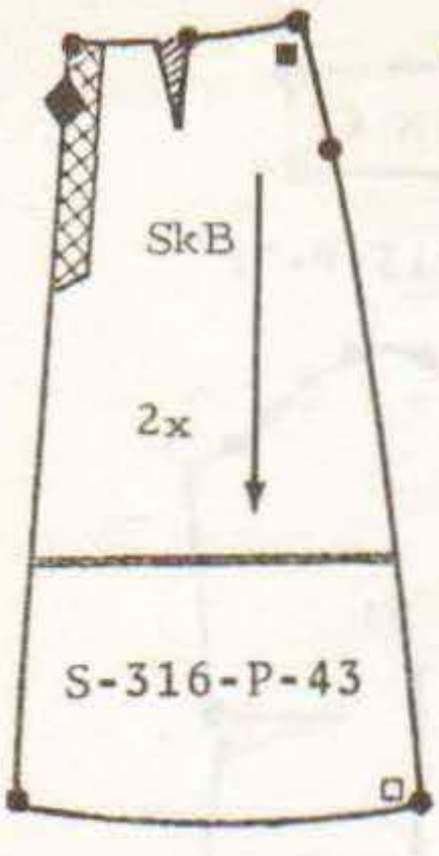
S-420-P-59

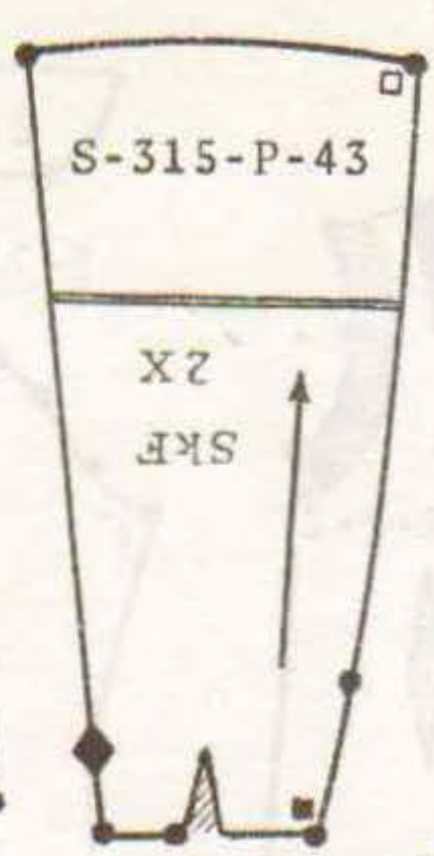
2X

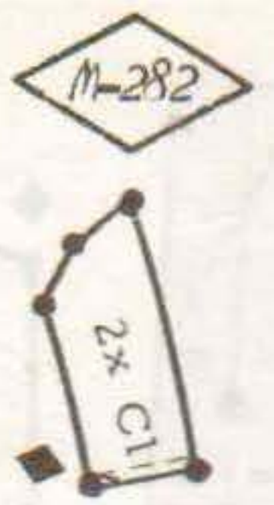
M-281 Pants

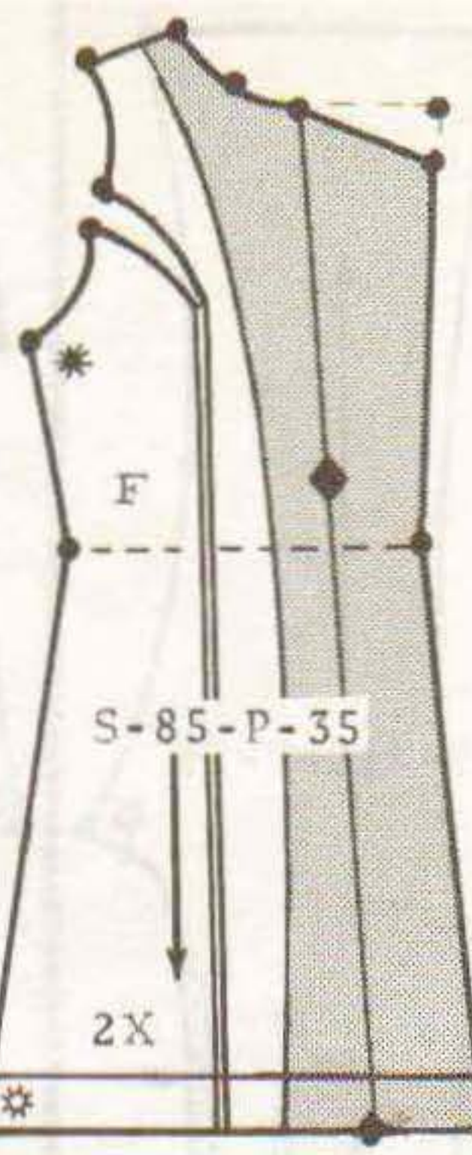
Simplicity

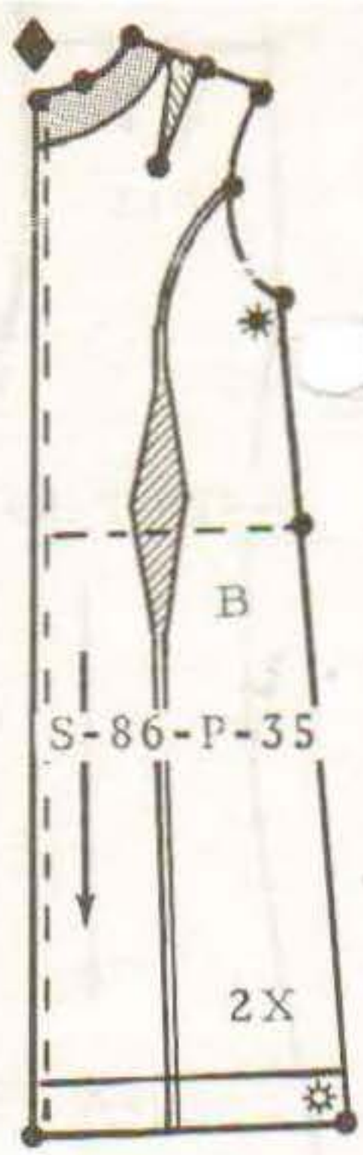
IV-25

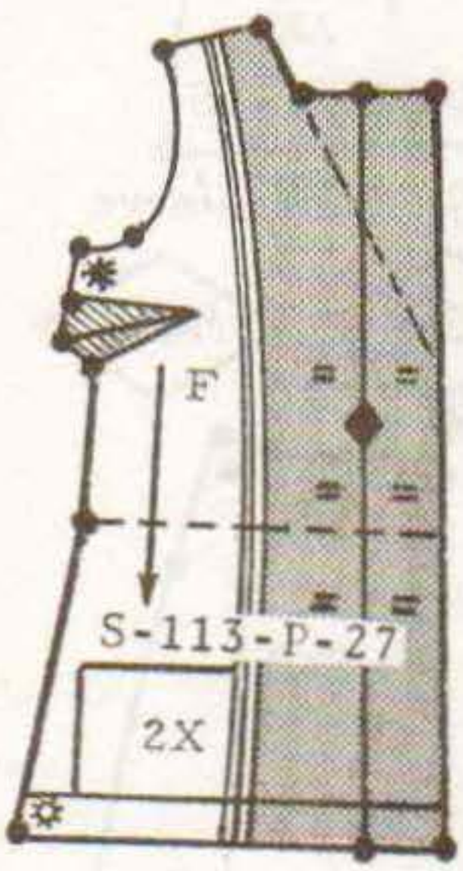


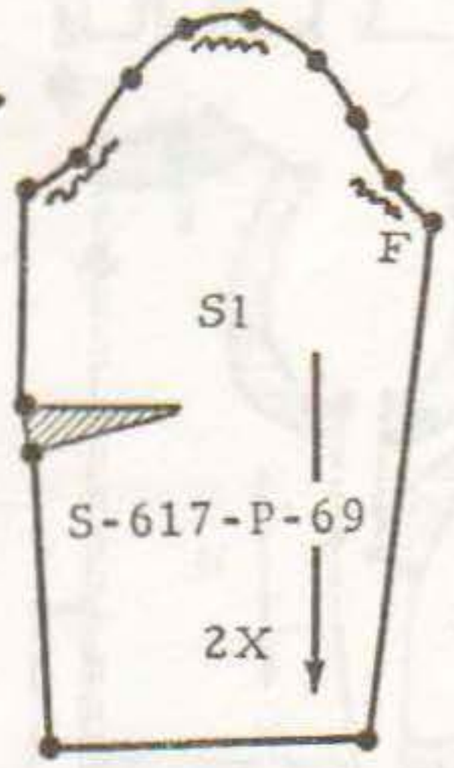





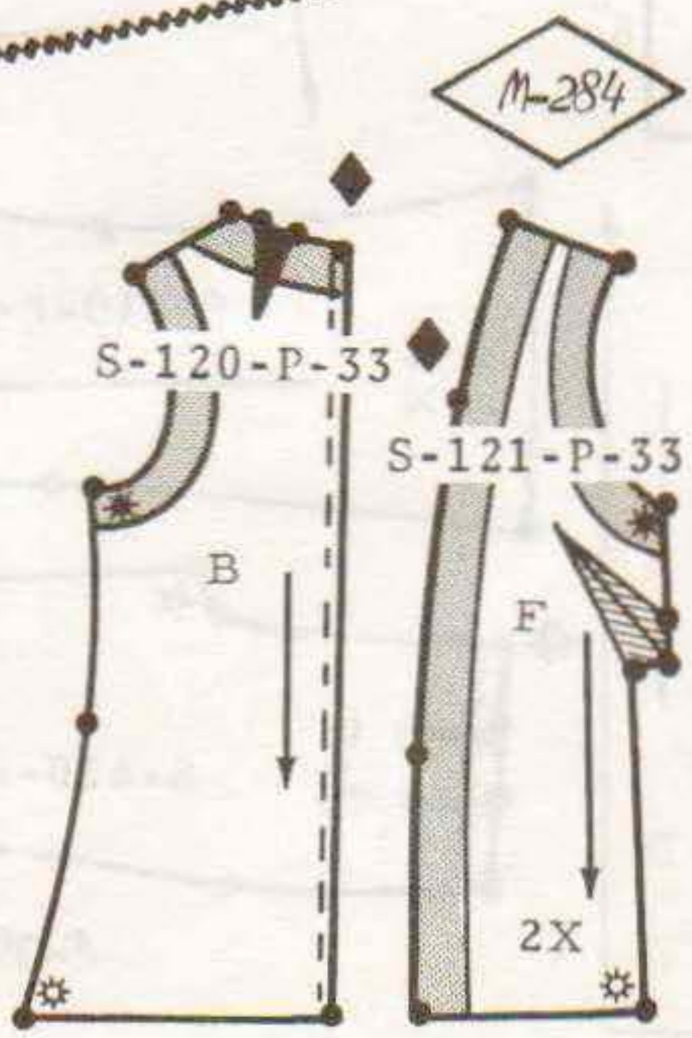



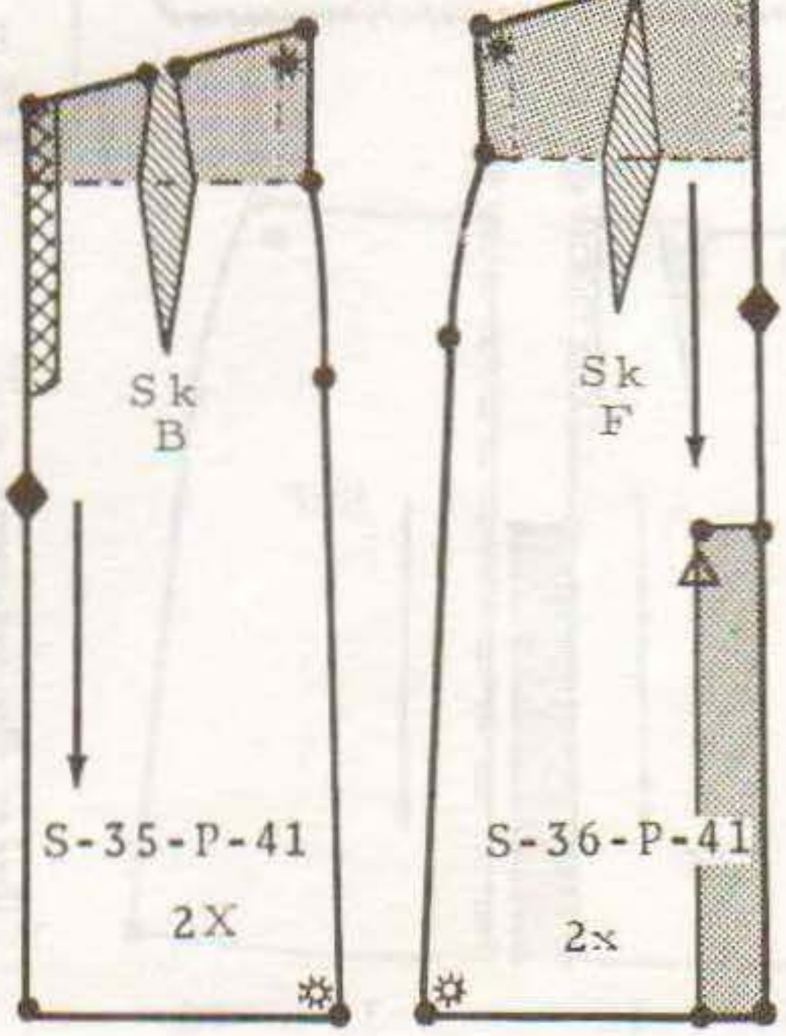





Waist measurement + 2"

Blouse M-245



S-731-P-74

C1

S-732
P-74

M-285

F

B

S1

2X

S-617-P-69

S-816-P-35
2X

S-817-P-35
2X

2x

C1

S-716-P-71

M-286

F

2x

S-87-P-36

B

2X

S-86-P-35

Waist Measurement + 5"

5"

M-287

F

S1

2X

C1
2x

S-721-P-73

S-626-P-67

S1

F

2X

S-618-P-69

2x C1

S-720
P-73

F

S-815-P-37

B

S-814-P-37

B

S-88-P-36
2X

S-89-P-36
2X

P
3"
2x 6"

2X

P
3"
2x 6"

M-288

Simplicity
IV-27

M-289

F

2x

S-813-P-37

B

2x

S-812-P-37

F Sl

2x

S-643-P-19

6"

8" P

4" Stay

1 3/8"

S-824-P-39

Yk

RtF

S-821-P-39

B

2X

S-823-P-39

Lft. F

S-822-P-39

Yk

2X

S-826-P-51

Fc

S-825-P-51

2X

Sl F

2X

Sl B

S-640-P-70

C1 6x

C1

S-734-P-74

S-735-P-74

M-291

Sunburst IV-28

B

S-15-P-14

2X

Ankle Length

Sl F

2X

S-618-P-69

M-290

F

S-16-P-14

2X

C1 2x

S-716-P-71

5" x 16"

Cf 2X

Ankle Length

Blt.

Waist Measurement + 2"

M-292

F

2X

B

Sk F

2X

S-811-P-38

S-810-P-38

F Sl

2X

S-62-P-61

C1 2x

S-729-P-74

9"

3 1/4"

Pocket Flap

M-293

S1 F

S-618-P-69

2X

S1 F

S-617-P-69

2X

F

S-114-P-28

2X

8"

C1 2x 2"

Sk F

S-334-P-49

Yk

B

S-819-P-38

B

2x

C1

S-737-P-71

S-820-P-38

F

S-818-P-31

2X

2X

2X

B

S-115-P-28

Sk B

S-333-P-49

M-294

½ Waist measurement + 1"

Back Wb 2½

(sewn into seams)

M-295

S1 F

S-610-P-63

2x

SkF

S-315-P-43

SkB

S-316-P-43

B

F

S-110-P-16

S-19-P-16

2X

6"

P 2x

8"

Simplicity IV-29

M-296

B
Poncho

2X

S-81-P-34

F
Poncho

2X

S-82-P-34

Sk
F

S-318-P-44

Sk
B

S-317-P-44

M-297

B

S-512-P-5

2X

F

S-511-P-5

S-69-P-63

F

S1

2X

B

2x

S-25-P-11

F

2X

S-24-P-11

M-298

SkF

S-327-P-47

SkB

2x

S-328-P-47

For sheer materials
use wider width

F

2X

S-521-P-8

Fully lined

M-299

B

S-522-P-8

3"

1"

Loop

96"

32"

M-299A Stole

CF

2X

S-61-P-61

Sunburst
IV-30

F

B

2X

S-53-P-2

2X

S-54-P-2

M-2100

Belt Waist Measurement +5"

S1

S-630-P-65

2X

Cf 2X

10"

4"

Cf

B

S-239-P-26

S-240-P-26

2x

M-2101

F

S1

S-631-P-65

2X

27.5"

2"

Tie

F

S-527-P-9

2X

B

S-54-P-2

2X

M-2102

21.5"

4"

Waistband

M-2104

S-53-P-2

2X

B

2X

S-54-P-2

F

2X

S-532-P-31

S-531-P-31

M-2103

PtF

PtB

S-418-P-59

S-417-P-59

2X

2X

Simplicity IV-31

30"
10"
Sash
Halter
2x
S-259-P-20
½" longer
Tie 4x
36"
Width of halter at shoulder line.
Wb B
2x
S-257-P-20
Wb F
S-258-P-20
1½ times width of skirt.
8"
Ruffle
2x
Sk B
S-314-P-43
Sk F
S-313-P-43
M-2105
Zipper to be added F or B from neckline to first crotch dot.
Tie
2"
Waist Measurement + 25"
Cf
2X
S-64-P-61
2z
S-510-P-4
2z
B
F
2X
S-59-P-4
2X
S-619-P-69
F
S1
2X
M-2106
S1
S-630-P-65
2X
Cf
2X
B
S-55-P-2
F
2X
S-56-P-2
Cf
2x
S-722-P-73
Sunburst IV-32
M-2107
5"
Waist Measurement +5"
S1
Cl
5"
15"
FS-639-P-70
S1
B
2x
F
S-251-P-17
S-250-P-17
PtF
2X
S-46-P-54
12"
Cumberbund
Waist measurement + 2"
Sk B
S-331-P-48
2x
Sk F
Sk F
S-332-P-48
2x
PtB
2X
S-45-P-54
M-2108

M-2109

F

B

2X

2X

S-53-P-2

S-54-P-2

F

2X

S-533-P-36

B

2X

S-54-P-2

S1

2X

S-614-P-66

M-2110

F

S-252-P-17

S-253-P-17

B

2X

S-69-P-63

F

S1

2X

Cf

2X

S-61-P-61

M-2111

Sk

B

S-314-P-43

Sk

F

S-313-P-43

35"

Wb

F

2X

S-59-P-4

B

2X

S-510-P-4

NOTE: Add invisible zipper to F or B.

2X

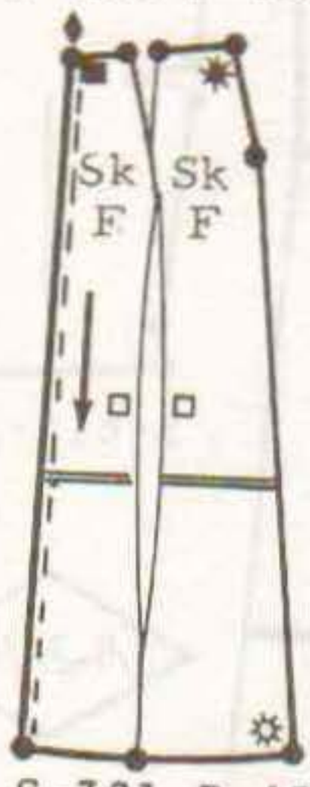
2X

M-2112

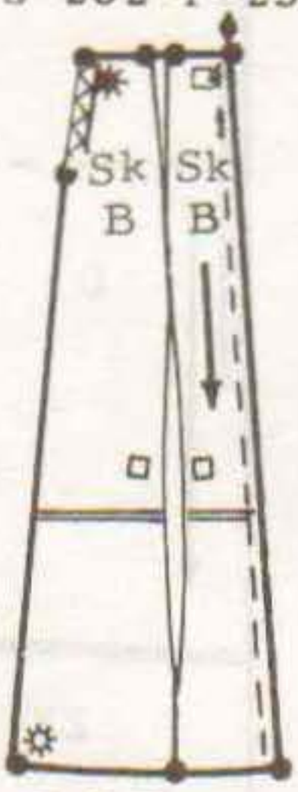
Sunburst IV-33

S-231-P-23

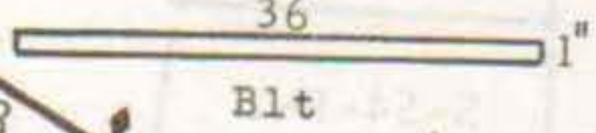
S-232-P-23



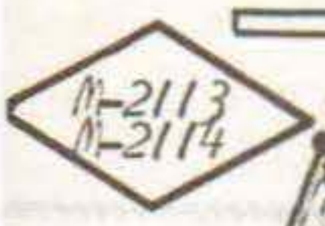

S-321-P-45

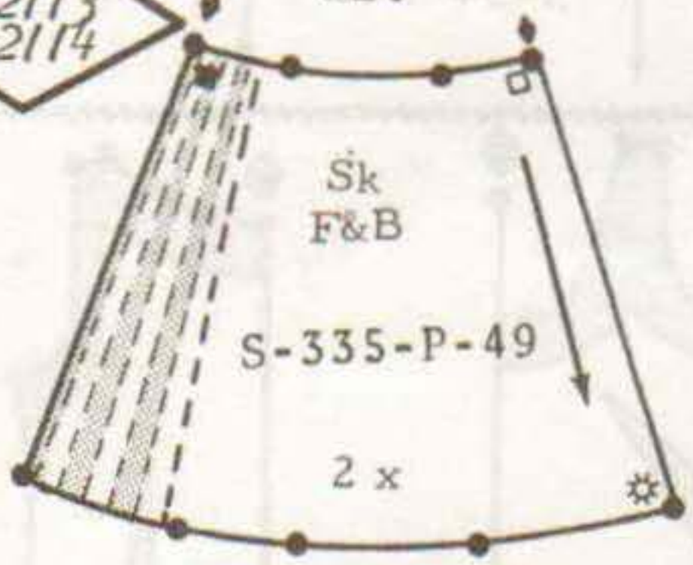



S-322-P-45



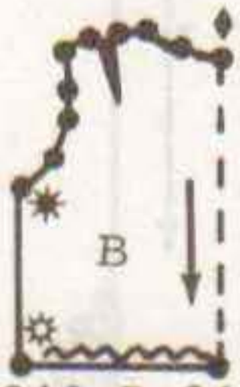

Blt



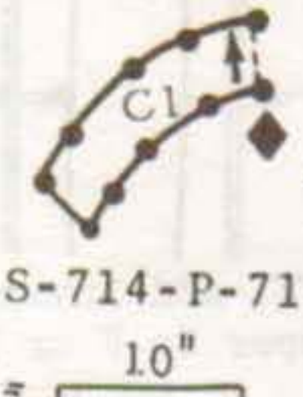

S-335-P-49

S-239-P-26

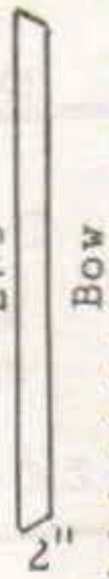


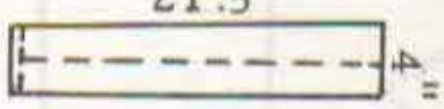

S-240-P-26

S-631-P-65



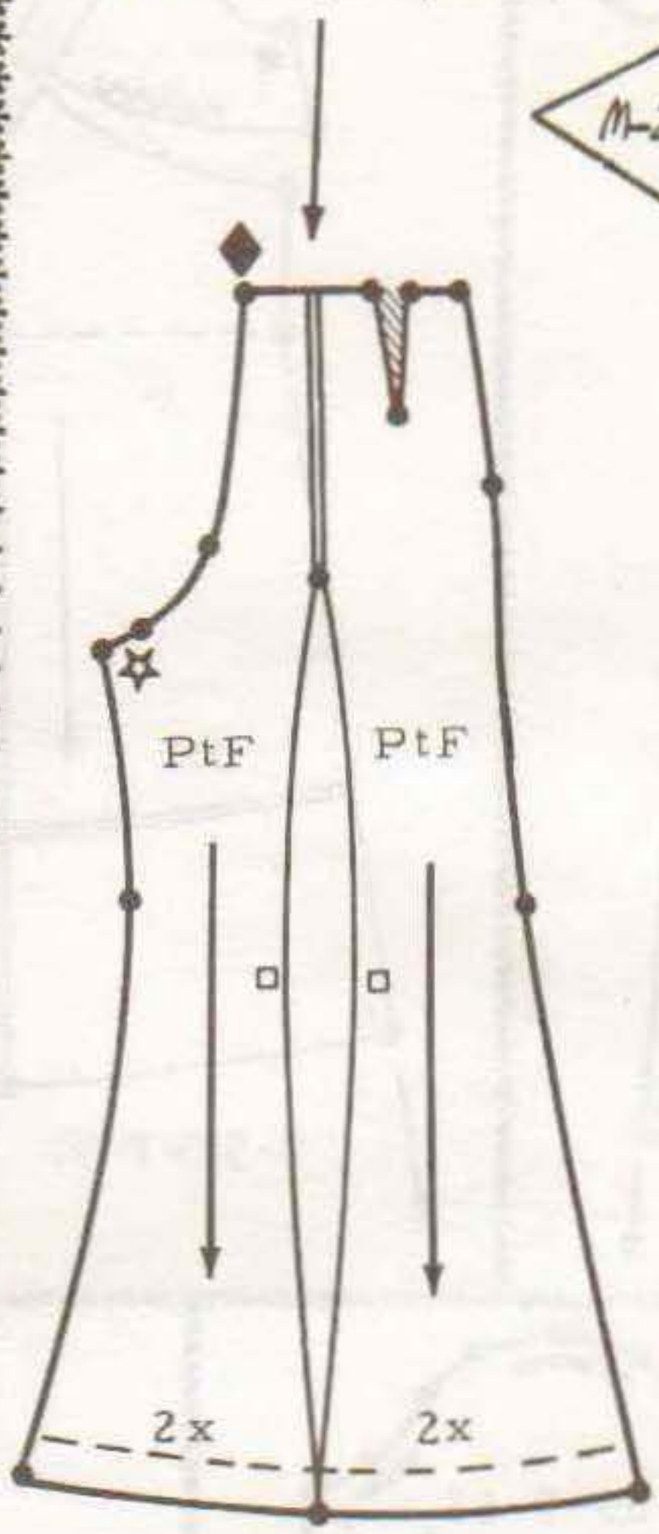

S-714-P-71



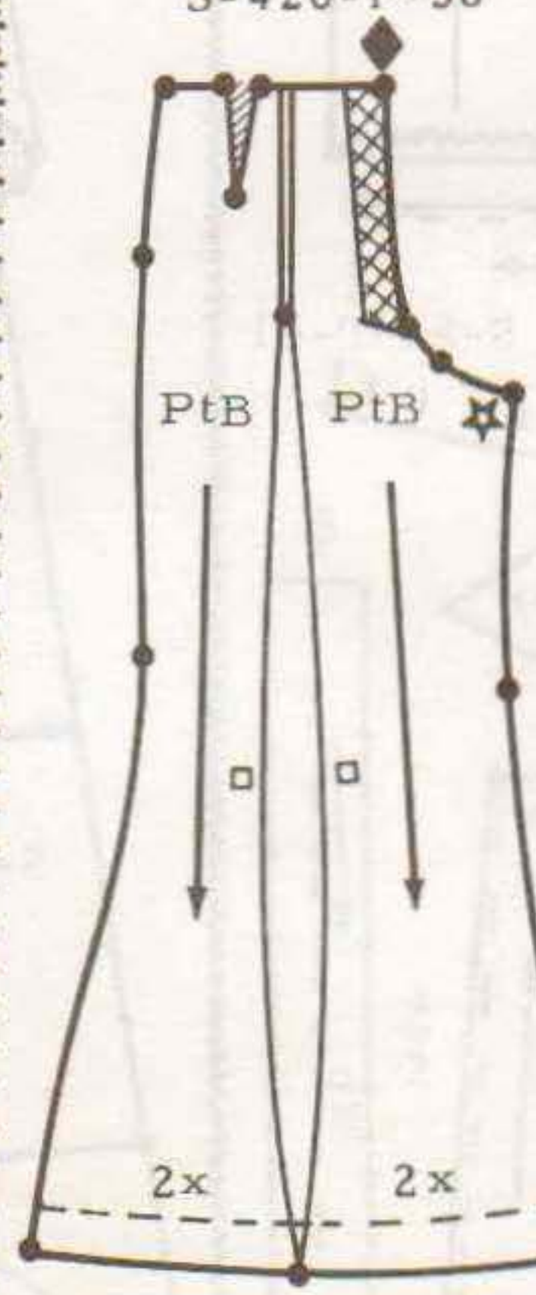



Blt

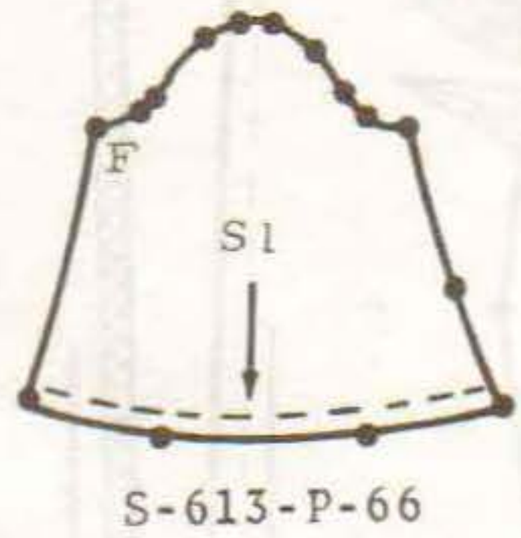
NOTE: Panel may be omitted for pajama style pants.



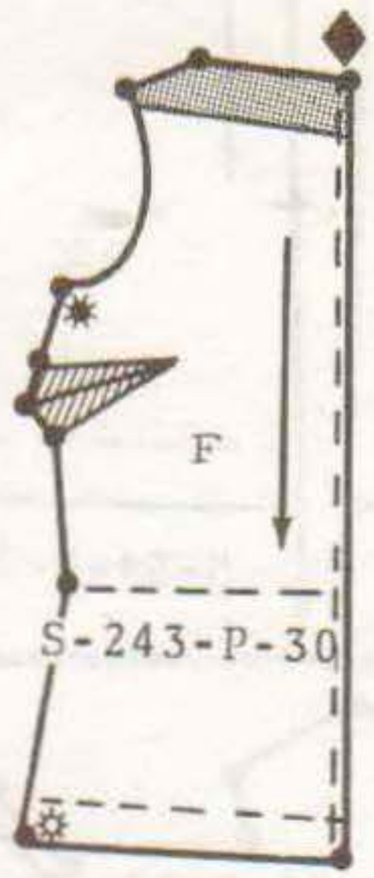

S-426-P-58



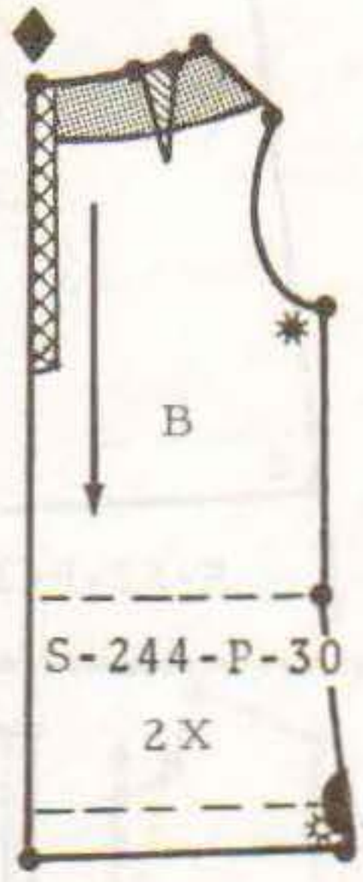

S-425-P-58



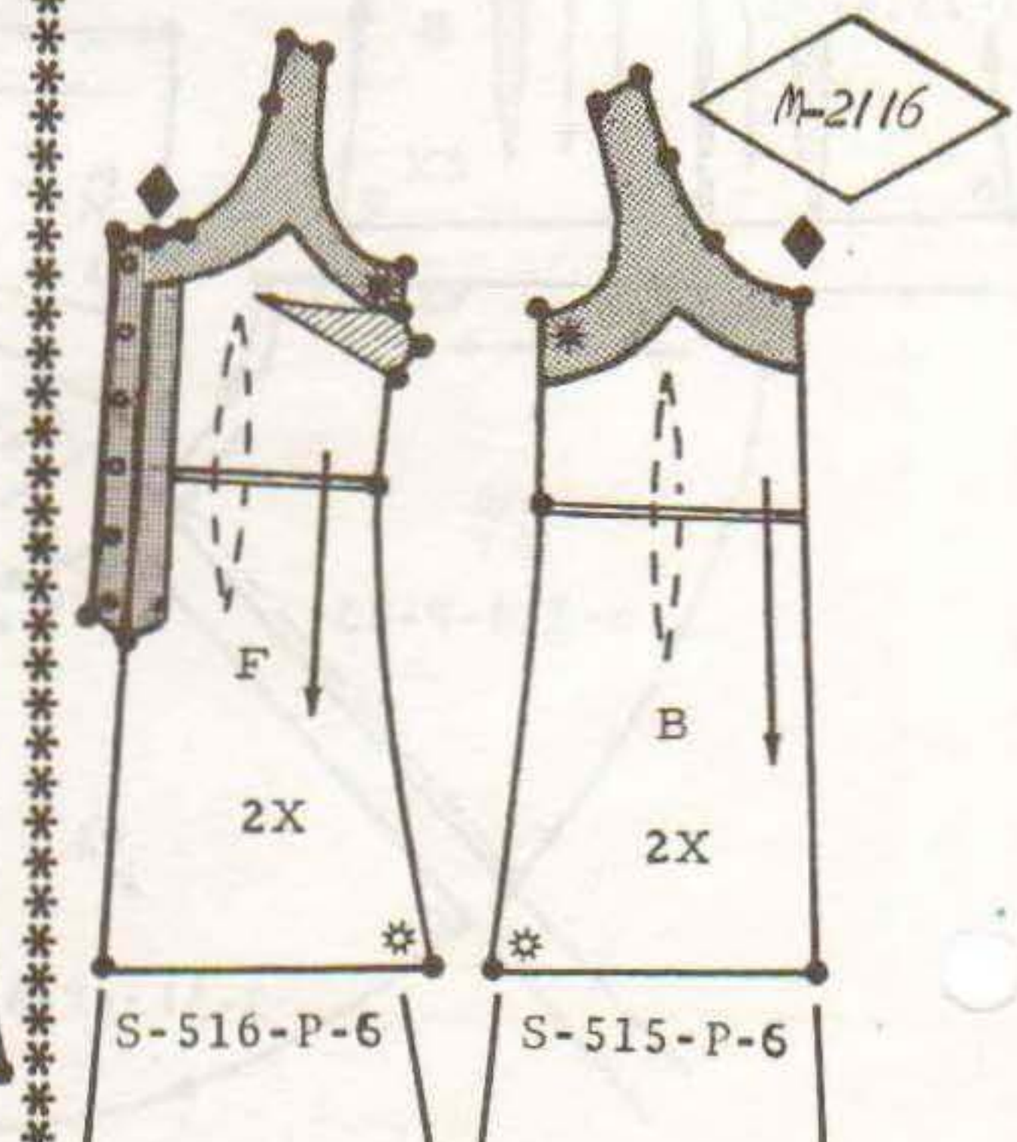

S-613-P-66




S-243-P-30




S-244-P-30




S-516-P-6

S-515-P-6

M-2117

2X

S-59-P-4

2X

F

B

2X

S-510-P-4

Zipper to be added
F or B from neckline
to first crotch dot.

S-71-P-72

F

C1

S-72-P-72

B

2X C1

M-2118
M-2119

F

B

S-525-P-9

S-526-P-9

2X

S-68-P-62

S1

2X

30"

1.5"

PtF

PtB

S-411-P-55

S-412-P-55

2x

2x

M-2120

F

S-255-P-18

2X

B

S-254-P-18

M-2121

F

B

S-58-P-3

2X

S-57-P-3

S-622-P-64

F S1

2x

Cf

2x

6"

35"

Sash

M-2122

Neckband

1"

2"

F

2x

S-53-P-2

B

S-54-P-2

2X

F

S-67-P-62

S1

2x

C1 2x

S-733-P-74

Sunburst

IV-35

F

S-519-P-7

2x

B

S-520-P-7

2x

S-217-P-18

B

2X

Sk
B

2X

S-325-P-47

F

S-218-P-18

Sk
F

S-326-P-47

Waist measurement + 5"

5"

25"

C1

4"

Sl

2x

F

S-637-P-68

M-2123

M-2124

Sl

F

S-628-P-67

2X

Cuff

4 3/4"

3 1/8"

Use 9" diameter for collar

35"

Wb

4"

S-634-P-68

Sl

2x

F

S-28-P-12

F

B

2x

S-29-P-12

Sk
B

S-314-P-43

Sk
F

S-313-P-43

S-642-P-70

Sl

2x

16"

C1

2"

37"

8"

Ruffle

Sunburst
IV-36

M-2125

M-2126

3"

75"

F

B

S-53-P-2

2X

S-54-P-2

2X

C1 2x

S-716-P-71

S-63-P-61 F

S1

2X

S-724-P-73

16"

C1

2"

M-2128

S-220-P-19

2X

M-2128
M-2129

S1 F

S-632-P-65

2X

8"

Cf 2X

5"

2"

4"

C1

2x

S-727-P-73

M-2129

S-219-P-19

F

2X

C1 2x

S-728-P-74

M-2127

C1

2x

S-718-P-71

M-2130

S-225-P-21

B

2X

M-2127
M-2128
M-2129

S-222-P-20

F

S-221-P-20

B

M-2132

S1

F

2X

S-614-P-66

16"

C1

2½"

50"

Stole

2X

M-2131

25

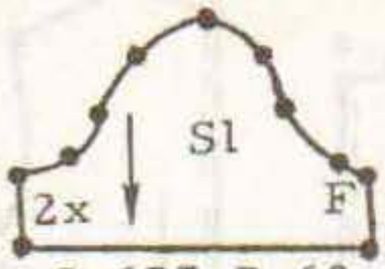
S-611-P-63

F

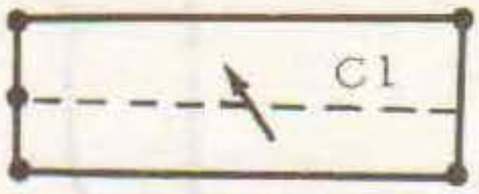
S1

2X

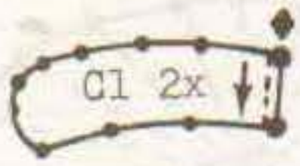
M-2127 & M-2128




S-637-P-68




S-75-P-72




S-736-P-71

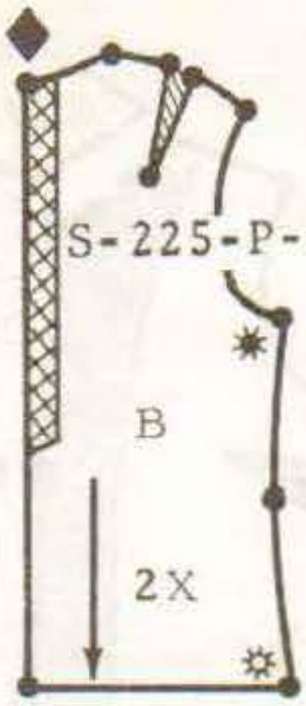
M-2135

M-2134

S-226-P-21

M-2134

&

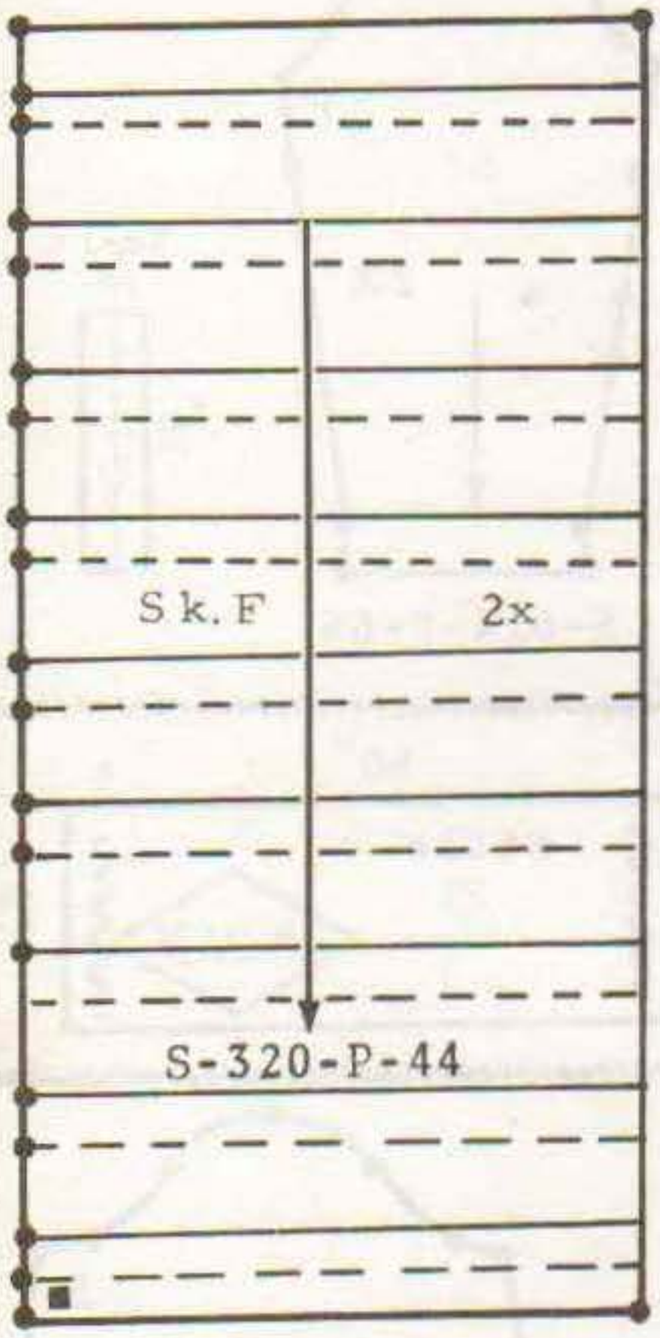



S-225-P-21

M-2135

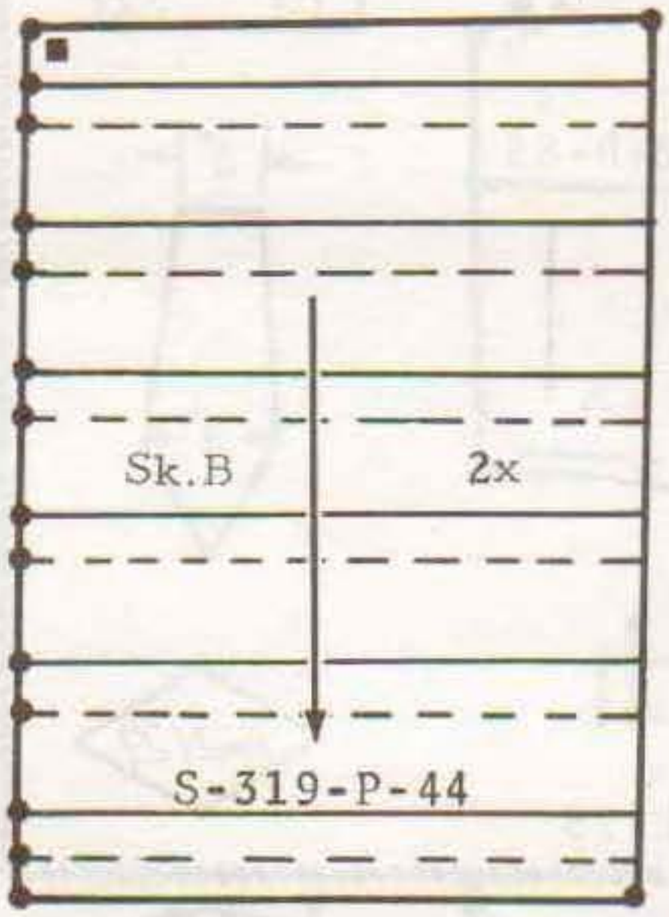
Waist Measurement + 2"

M-2136

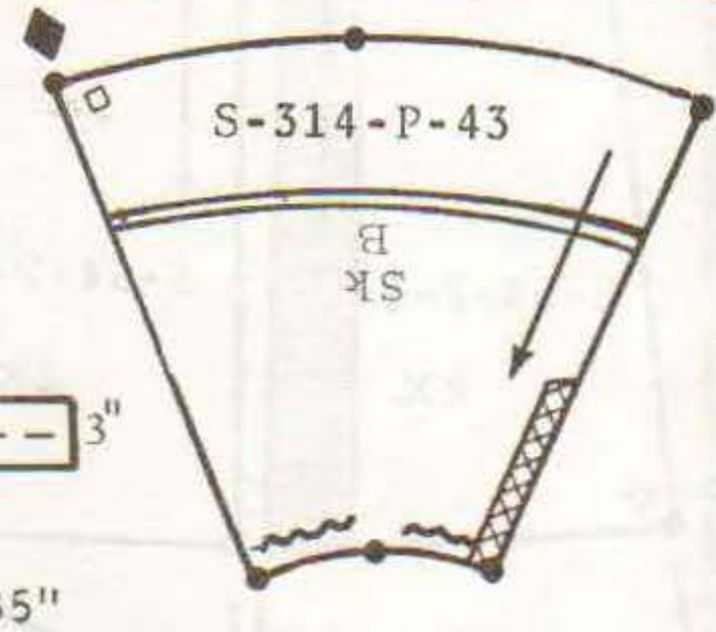



S-320-P-44

NOTE: After skirt is drafted, draw in pleat lines. If dots at top and bottom of skirt appear curved, draw a line at top & bottom from side seam to side seam, making a perfect rectangle.




S-319-P-44




S-314-P-43

M-2133

17'

3"

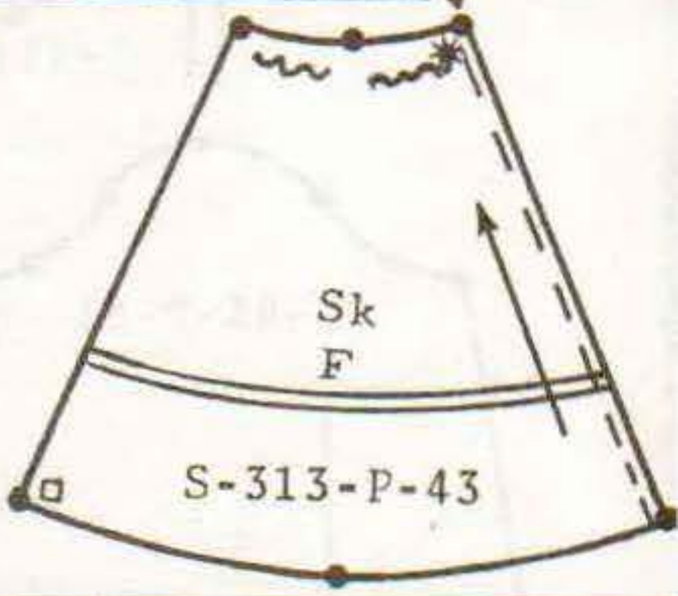
Neckband

35"

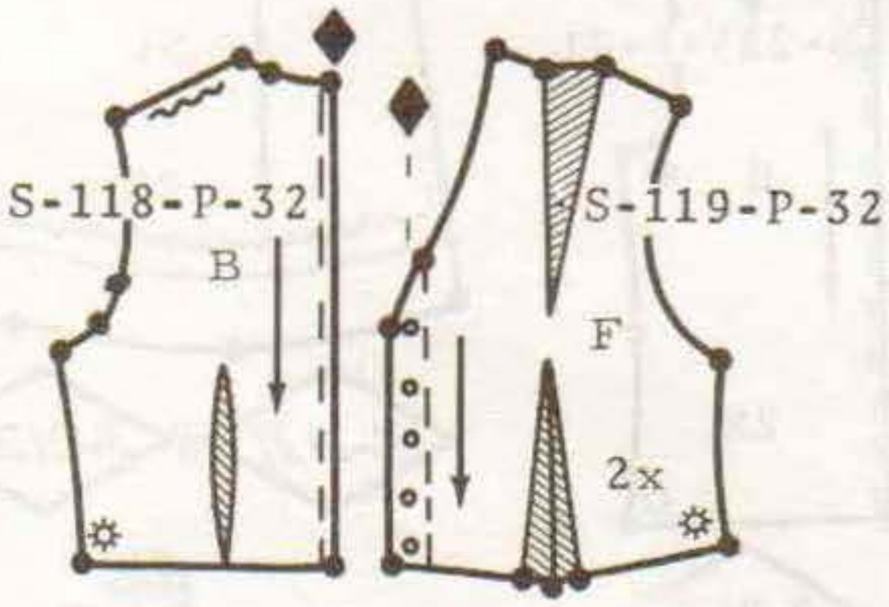
Wb

4"

S-21-P-4




S-313-P-43



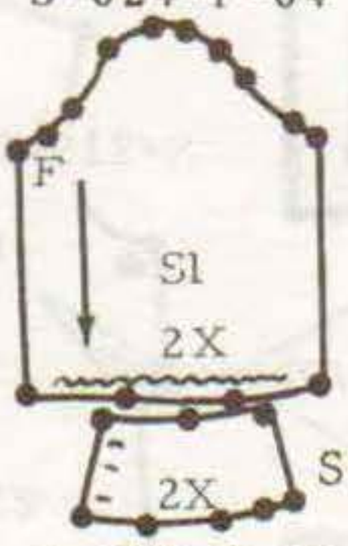

S-118-P-32

S-119-P-32

Slinburst IV-38

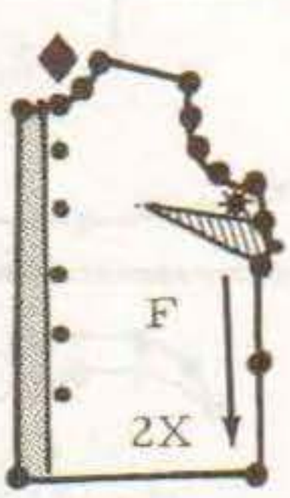
M-2137

S-624-P-64

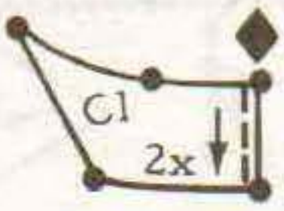



S-636-P-68

S-223-P-21



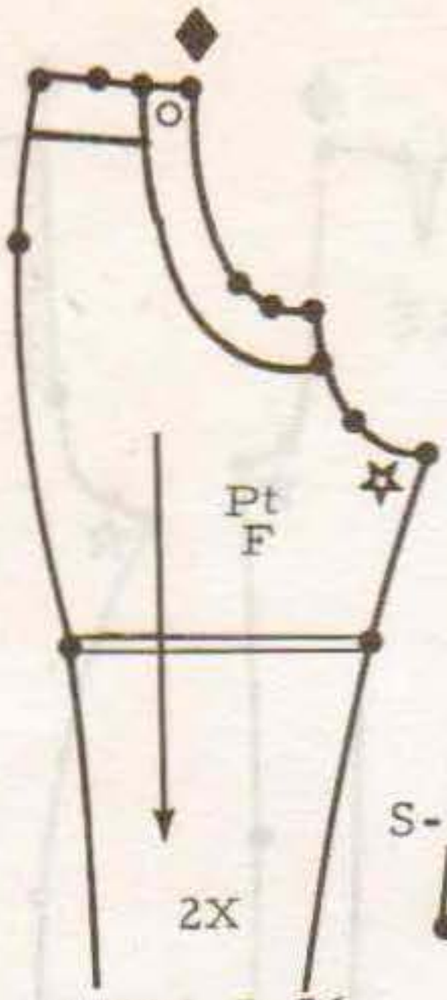

S-224-P-21



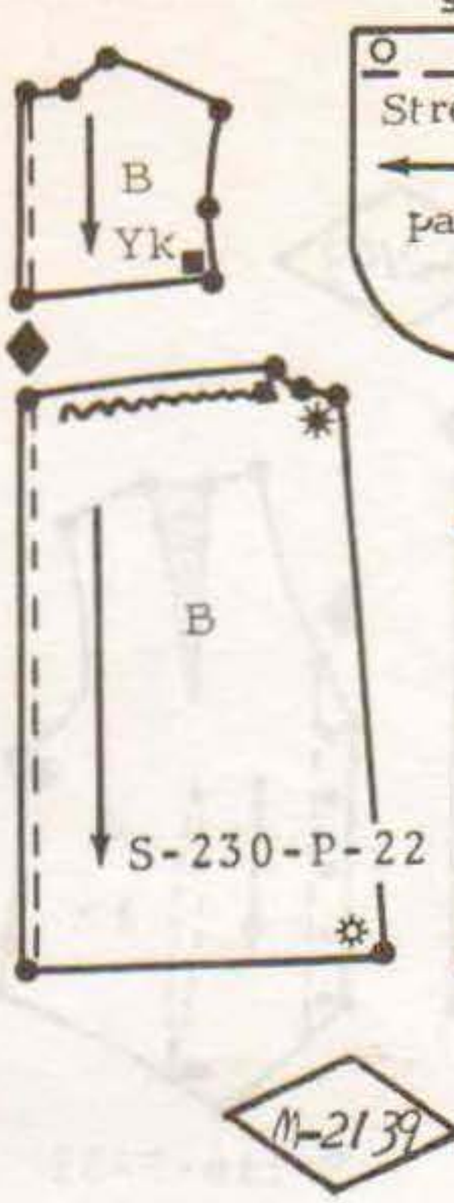

S-717-P-71

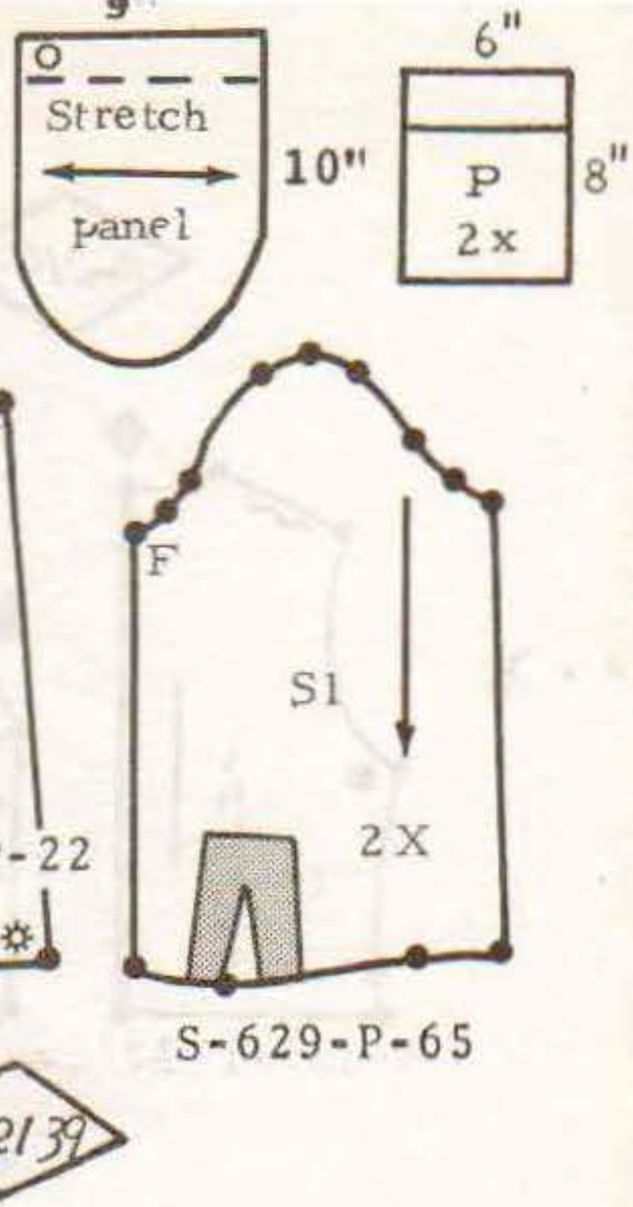
M-2138

S-415-P-56



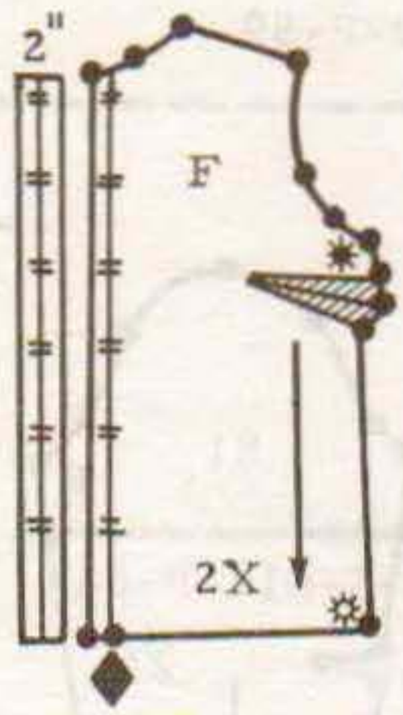

S-416-P-56



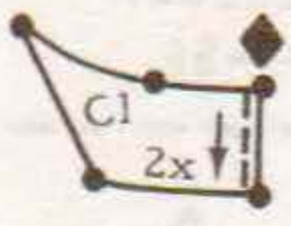




S-629-P-65

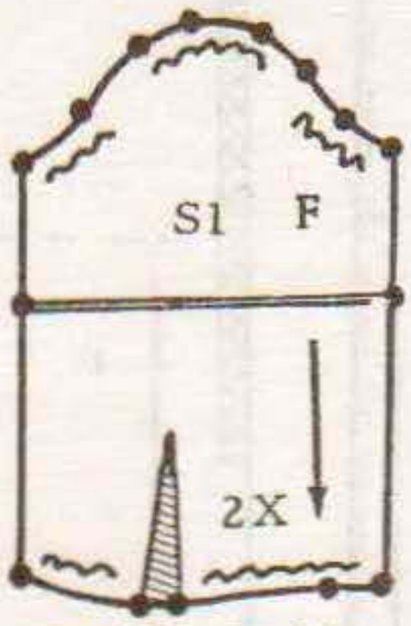
M-2139



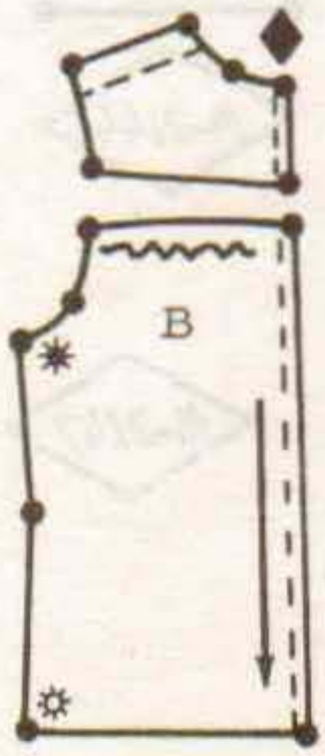

S-227-P-22



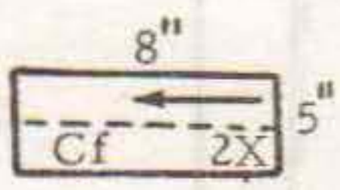

S-712-P-71




S-632-P-65

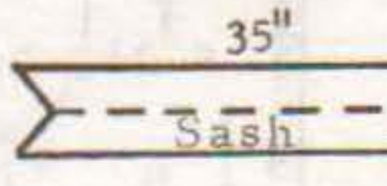


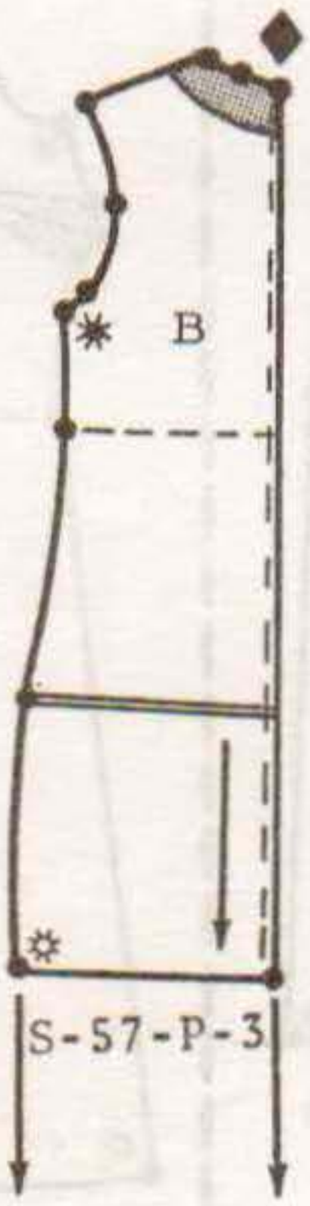

S-228-P-22



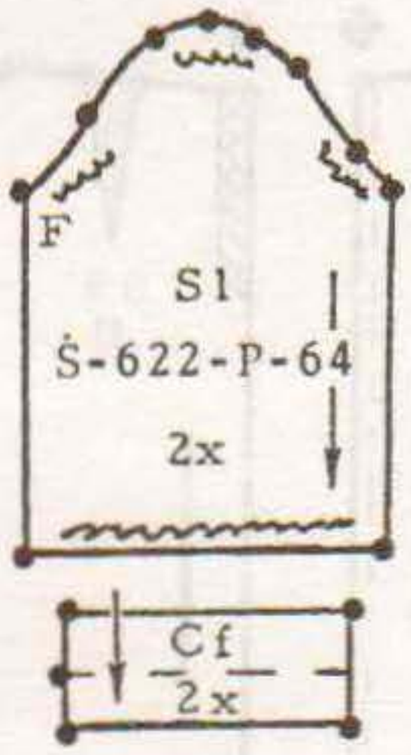

M-2140

M-2141

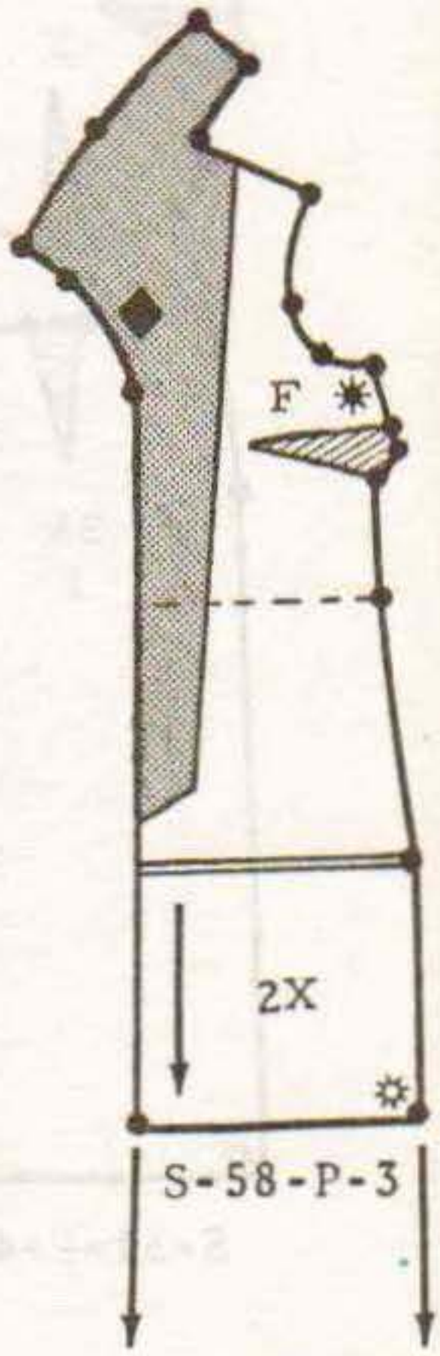



S-57-P-3




M-2142




S-58-P-3

Sunburst
IV-39

M-2143

B

2X

S-117-P-32

F

2X

S-116-P-32

PtF

2X

S-420-P-59

PtB

2X

S-419-P-59

M-2148

M-2145

S-241-P-29

F

Sk

F

S-242-P-29

B

2X

Sk

B

2X

S-31-P-46

S-32-P-46

S1

F

S-614-P-66

2X

M-2144

F

B

2X

S-53-P-2

S-54-P-2

M-2147

Sunburst IV-40

M-2146

# Chapter V

## Select your SUNBURST pattern parts.


Instructions for identifying
your SUNBURST PATTERN parts.....V-ii

Your SUNBURST PATTERNS.....V-1

Making your FIRST GARMENT
the SUNBURST way.....V-75

Check List.....V-76

Special Notes.....V-76

# Instructions for identifying your SUNBURST pattern parts.

Your SUNBURST PATTERN may seem strange in appearance the first time you see it, but it is really a "MINIATURE COMPUTER" that is "OPERATED" by the use of your SUNBURST MEASUREMENT GUIDE & EXTENDER and your SUNBURST CURVE. You "PROGRAM" it by using your own measurements or the measurements of any person you sew for. Understand it thoroughly.

The SUNBURST PATTERN (Fig. a) you see on this page contains all symbols you will ever see on ANY Sunburst pattern. Follow instructions in Chapter I for use.

SYMBOLS:

Fold Line (See Chapter I)

Patterns placed upside down - Wherever possible, we have placed the pattern on the page in such a way as to eliminate folding the page or running under the page to place a short measurement dot.

T - top of pattern.

sleeved ) use only one, whichever
sleeveless) applies.

Dart Lines (See Chapter II)

Grain Lines (See SYMBOL IDENTIFICATION CHART, Chapter IV)

"b" or "h" placed before extension number -(see Symbol Identification Chart, Chapter IV)

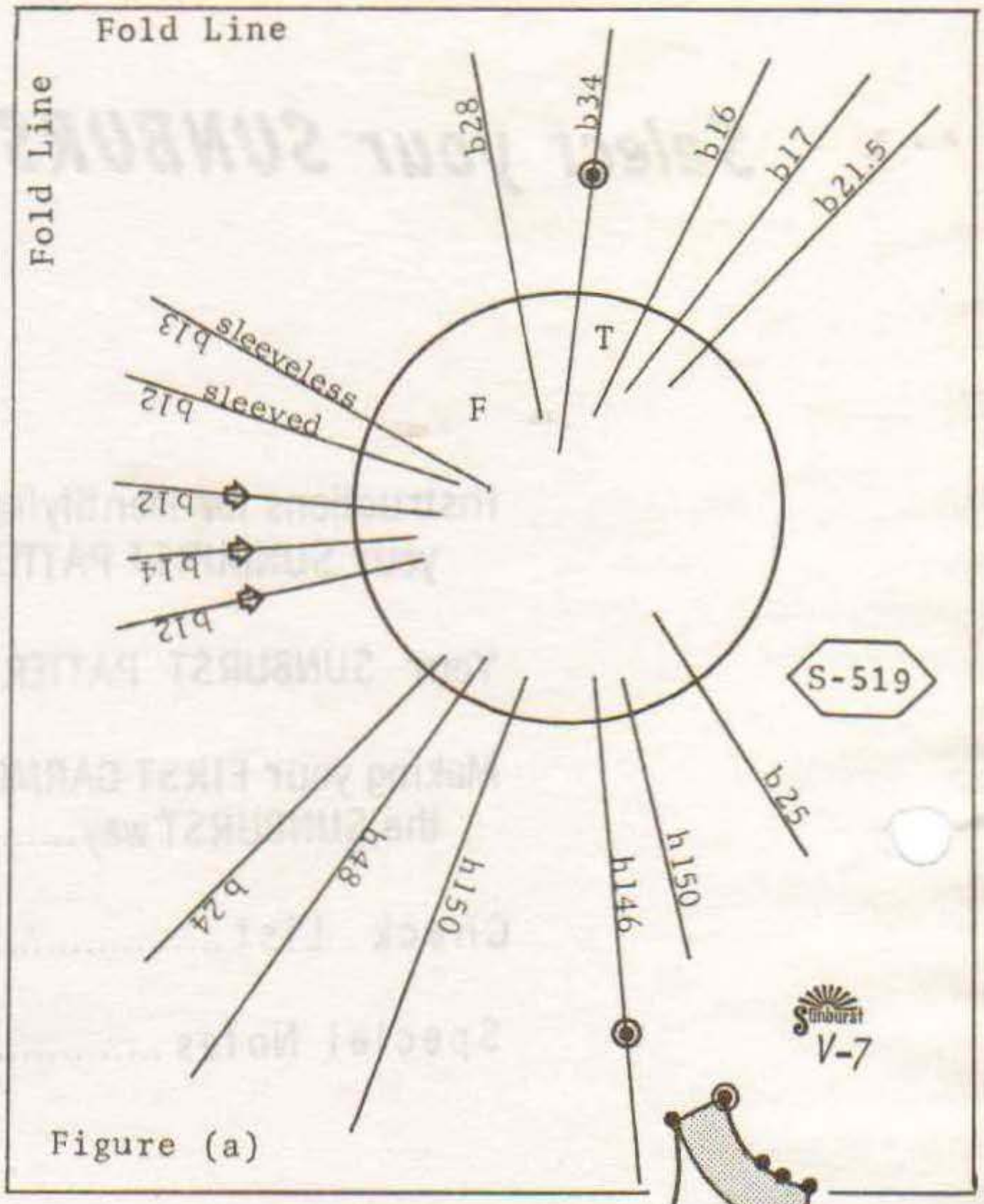



Figure (a)

S-number + P-number = Sunburst Pattern Part number. Chapter IV, PATTERN DIAGRAMS, shows all diagrams of pattern parts. The numbers on these diagrams (Fig. b) show you page in this chapter (P-number) and Sunburst Pattern to use on this page (S-number)

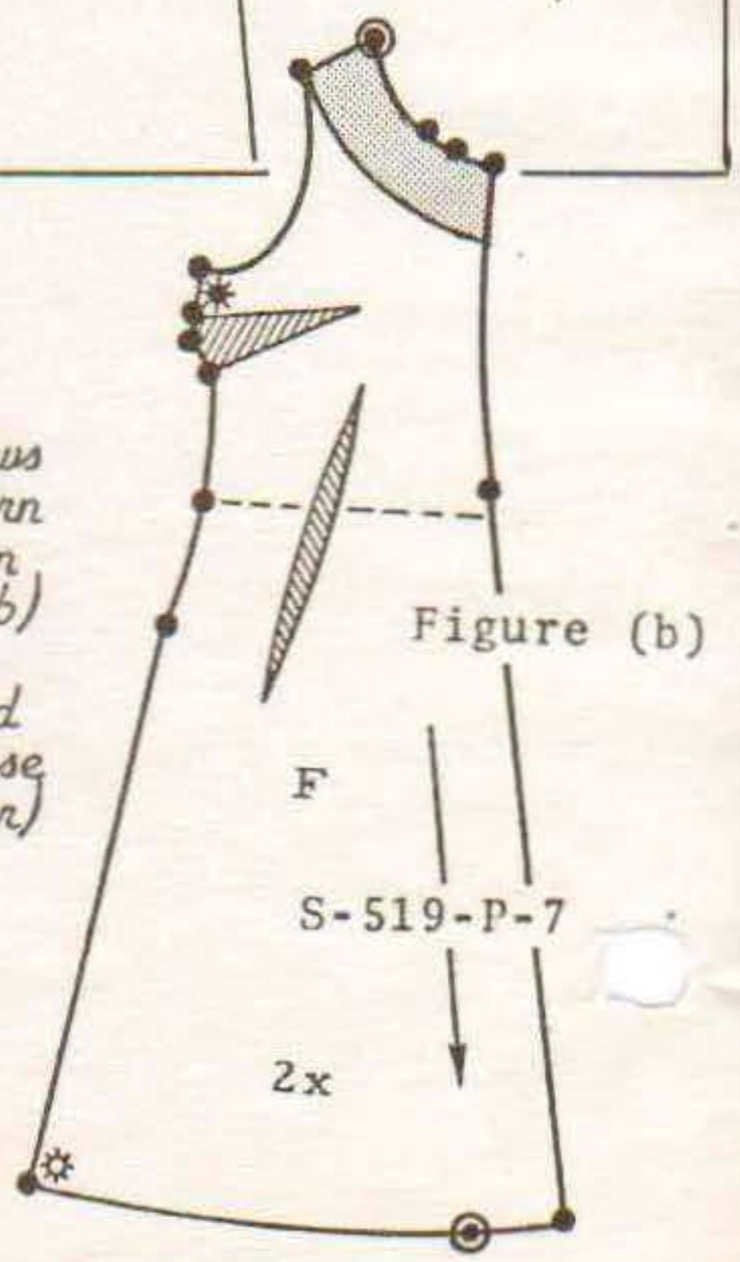
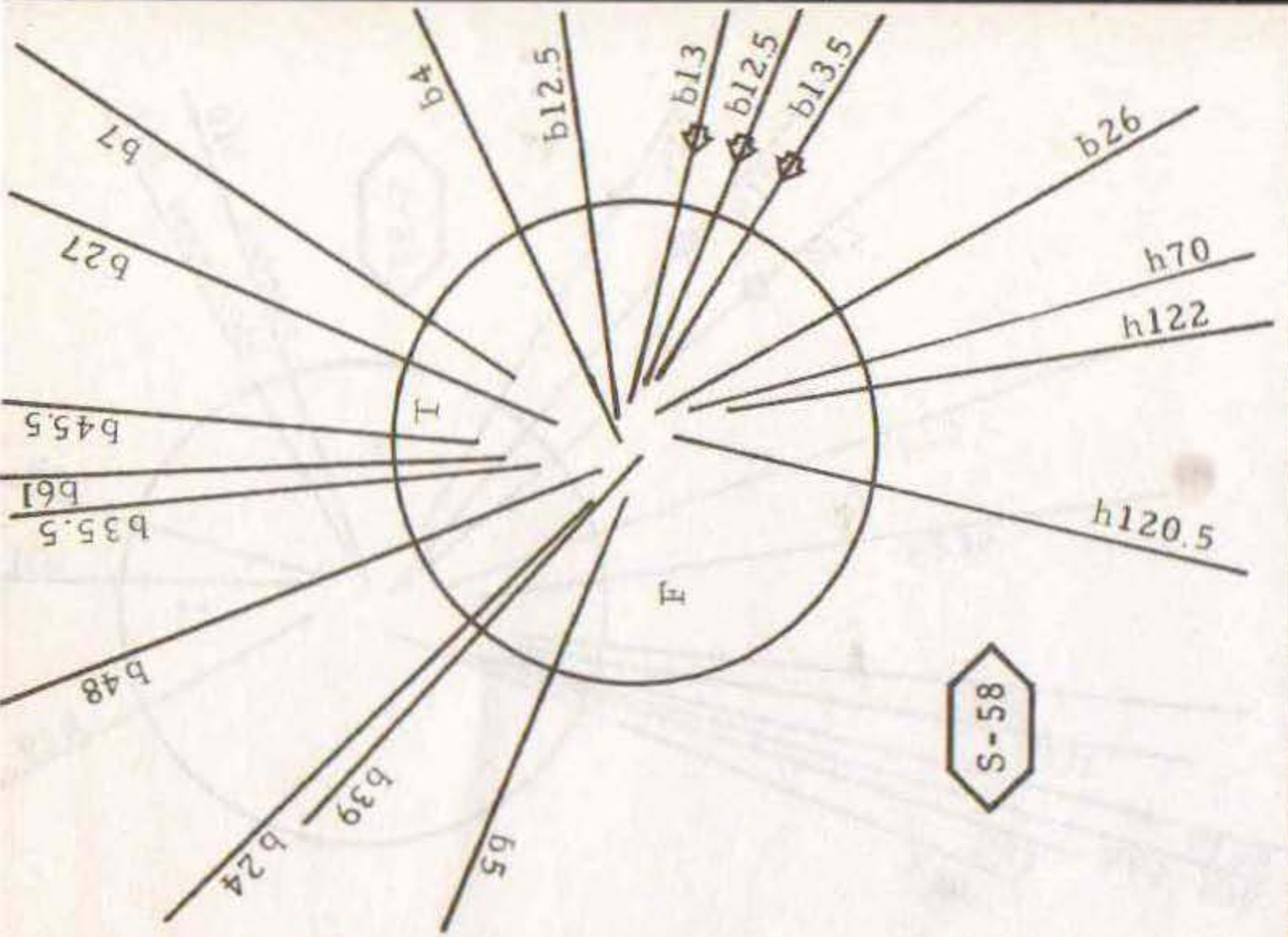
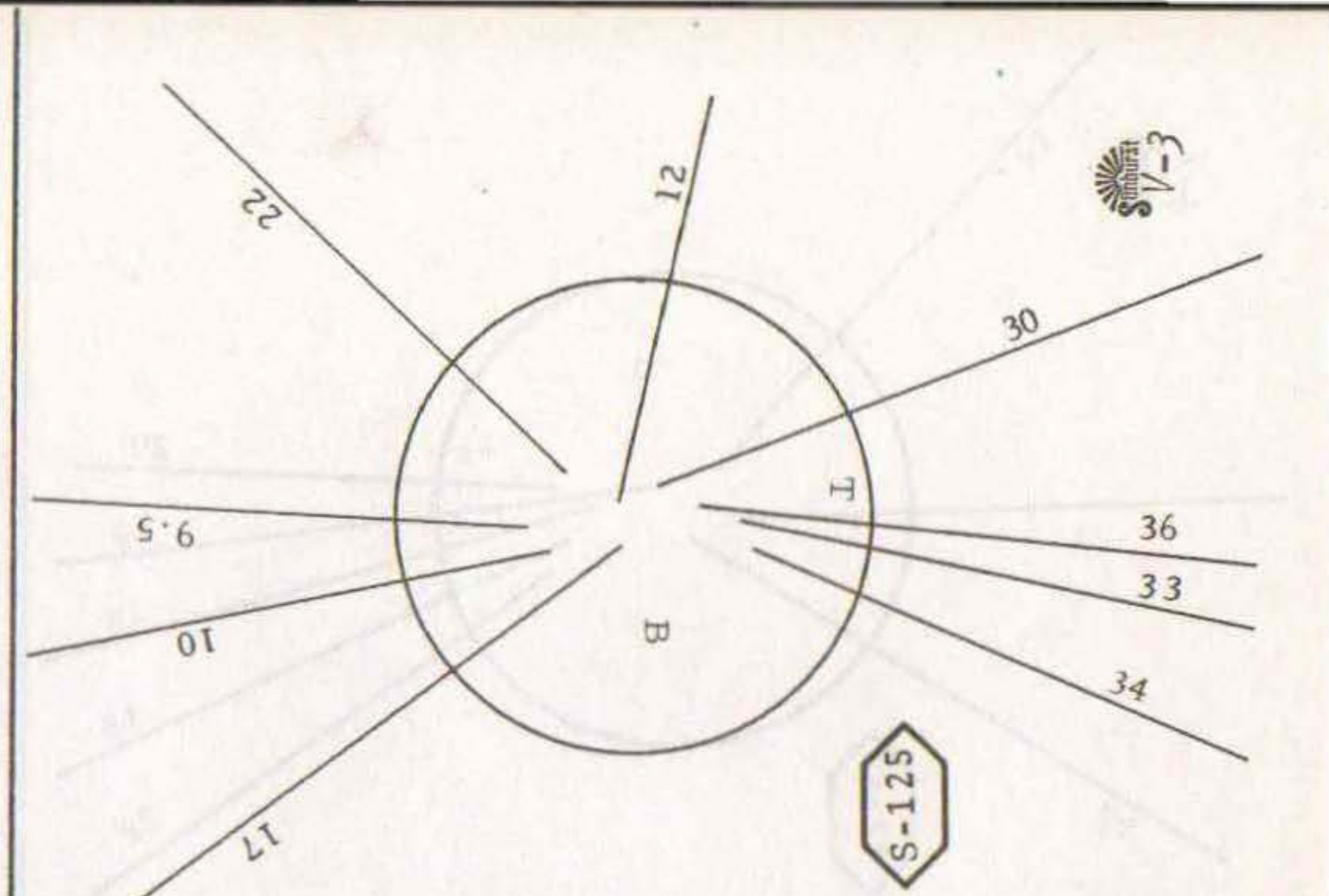
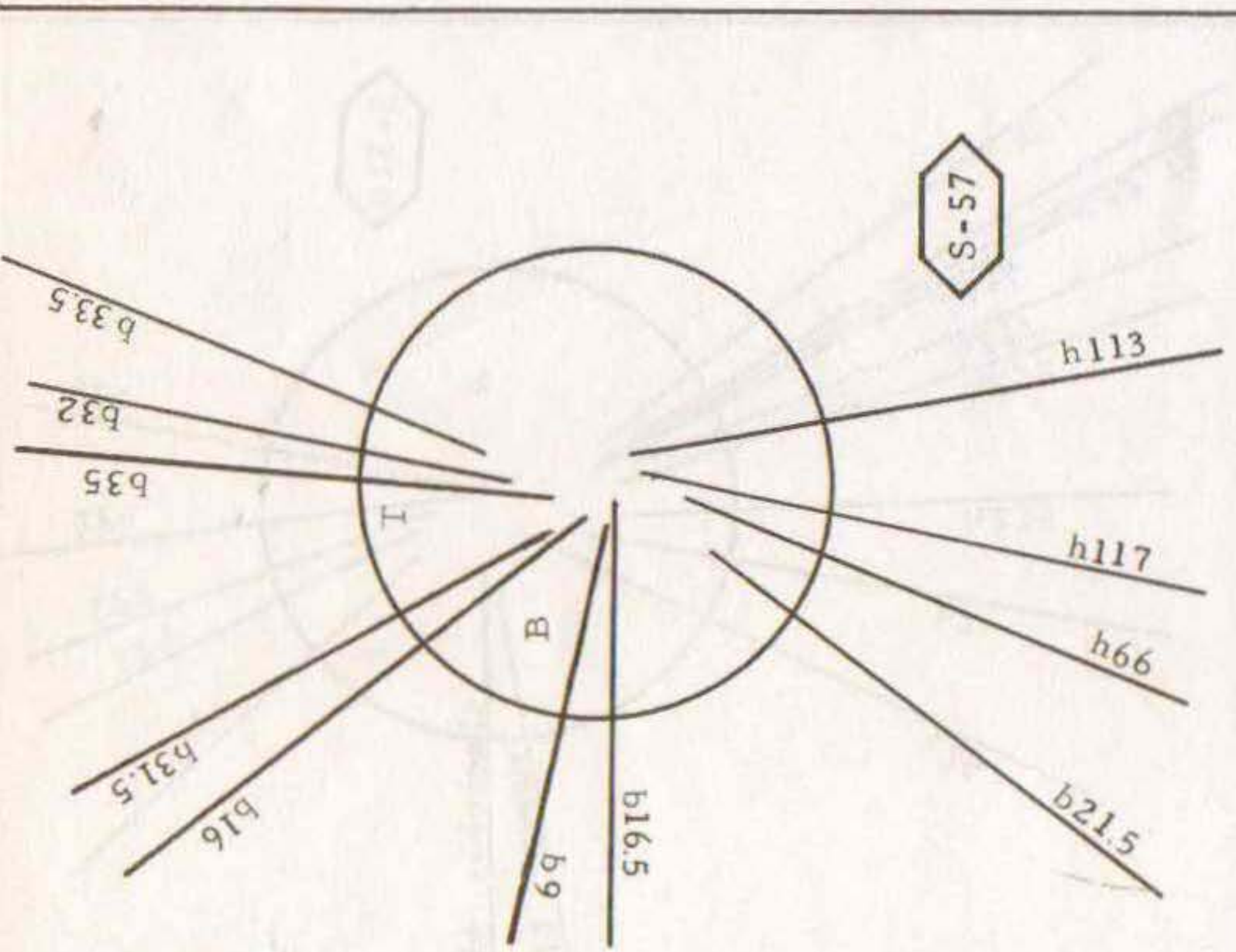
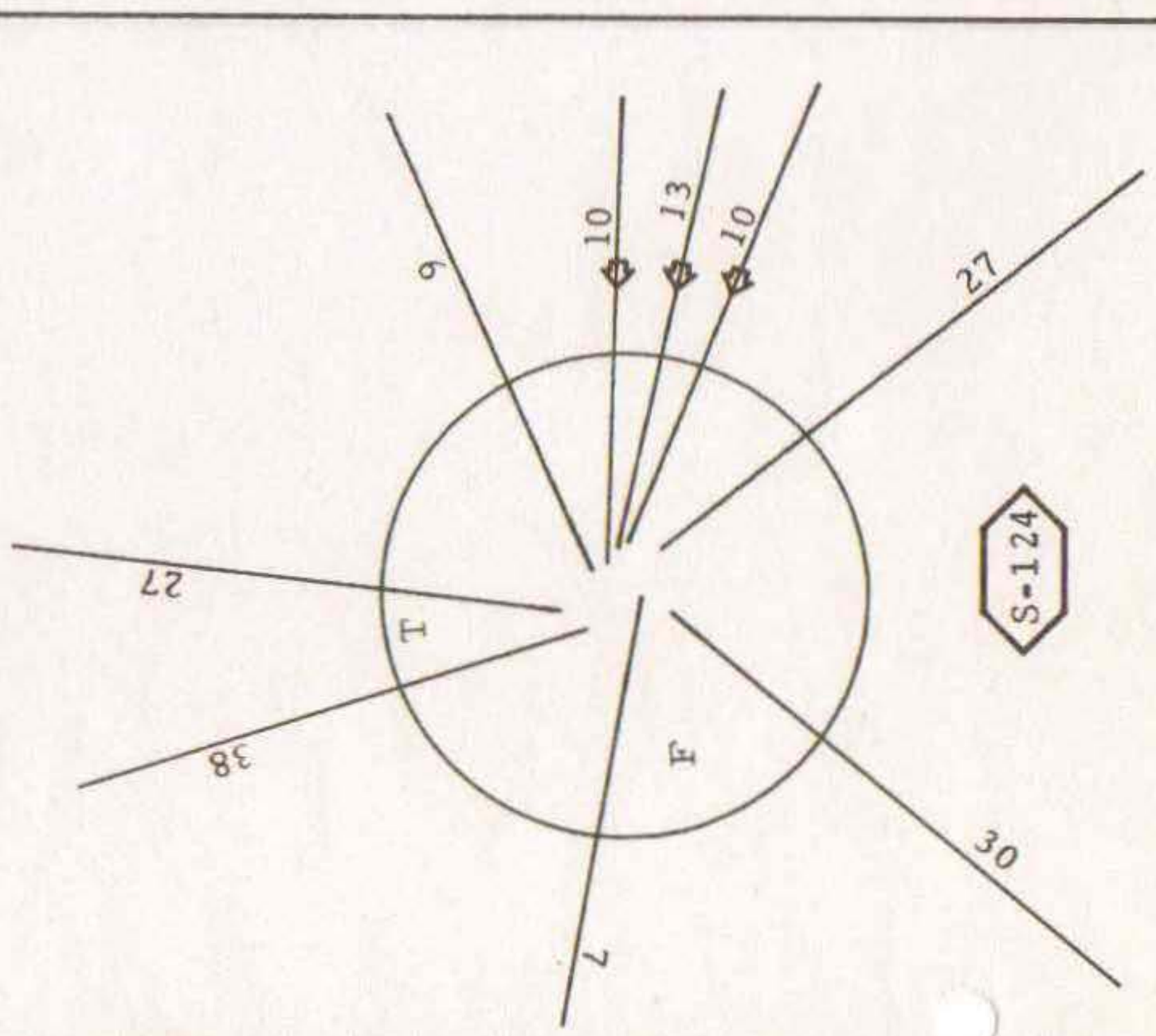


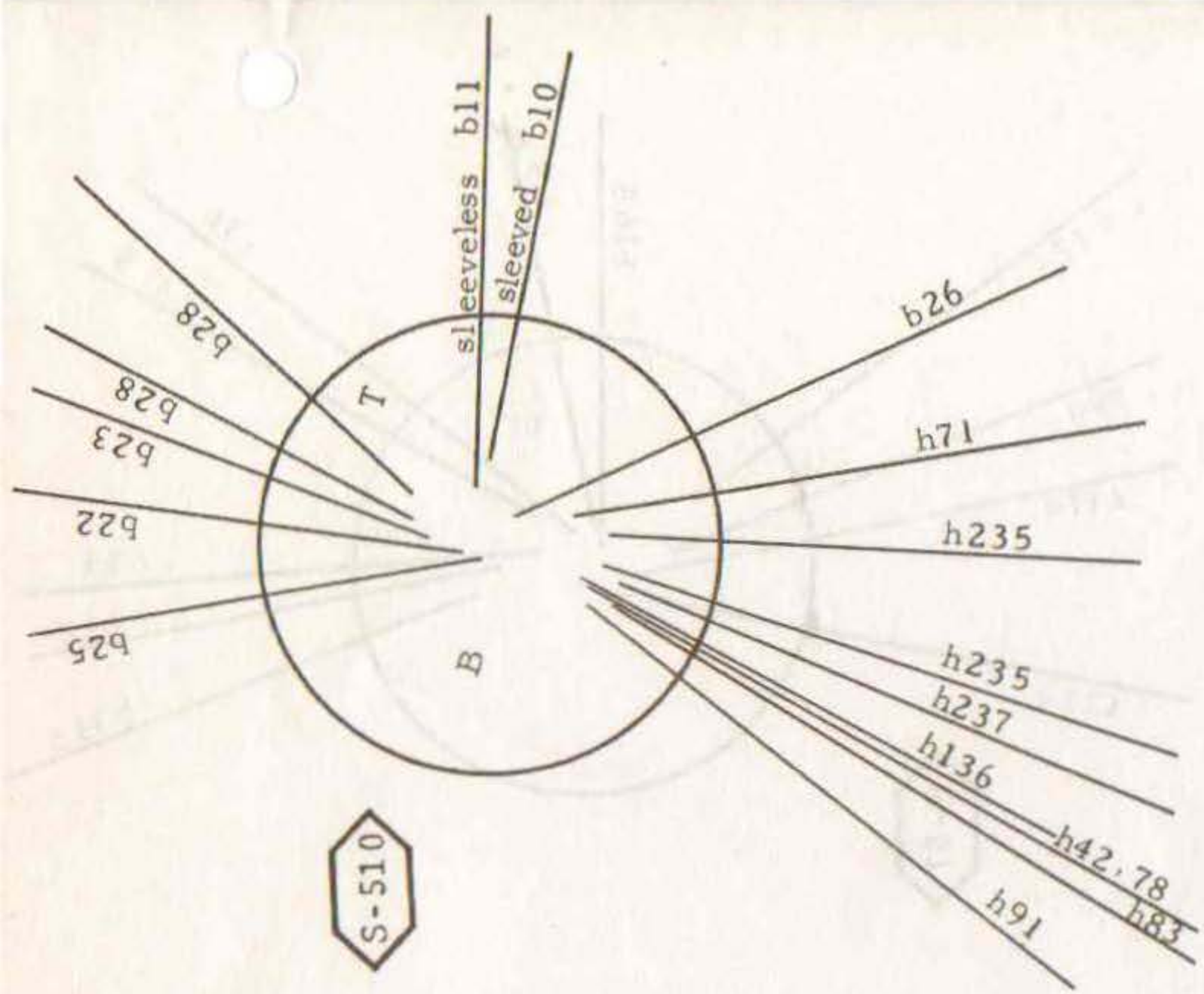

Figure (b)

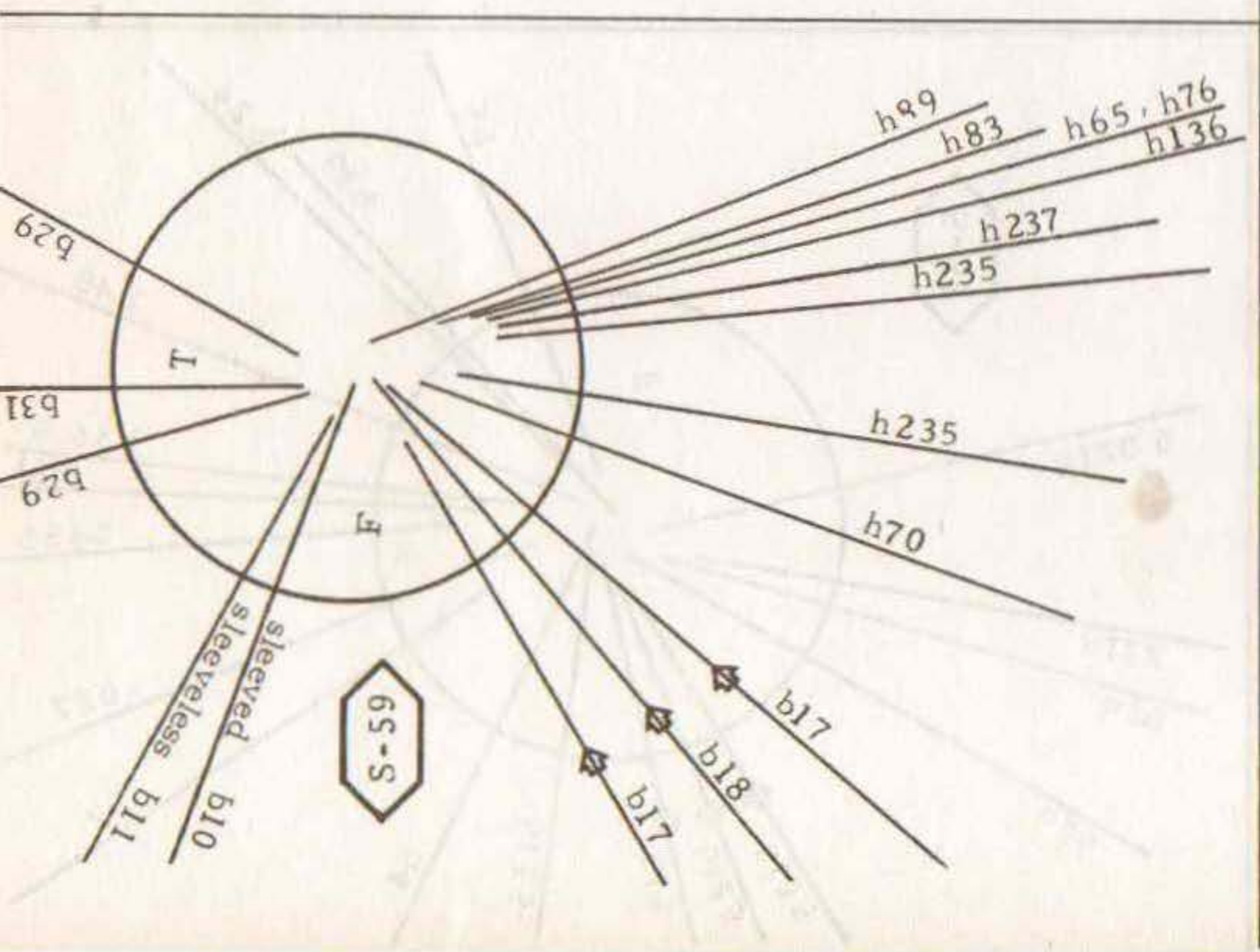

b4
b12.5
b13
b12.5
b13.5
b26
h70
h122
h120.5
b7
b27
b45.5
b61
b35.5
b48
b24
b39
b5
T
F
S-58

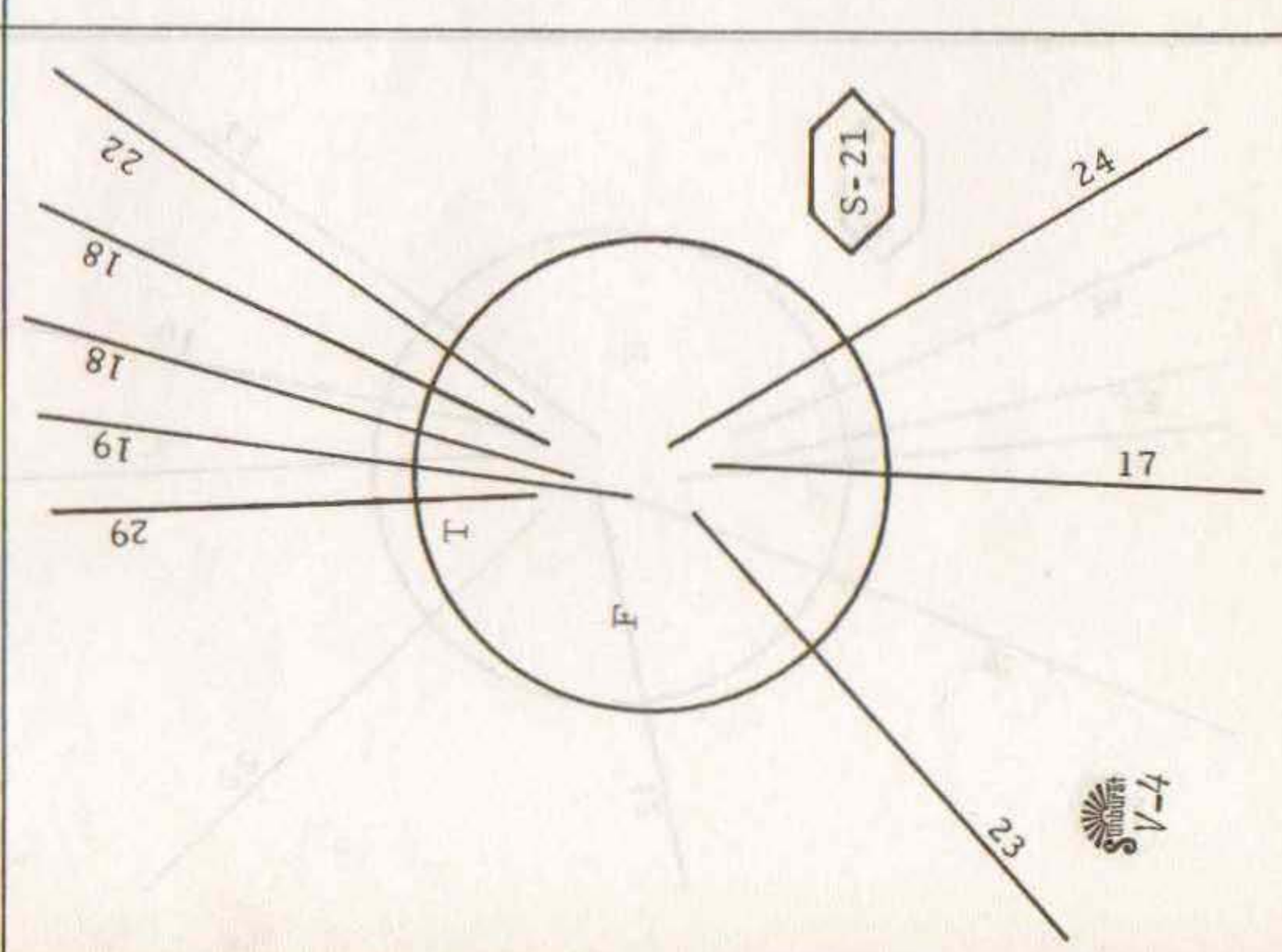

22
12
30
9.5
10
17
36
33
34
T
B
S-125
Simulator V-3

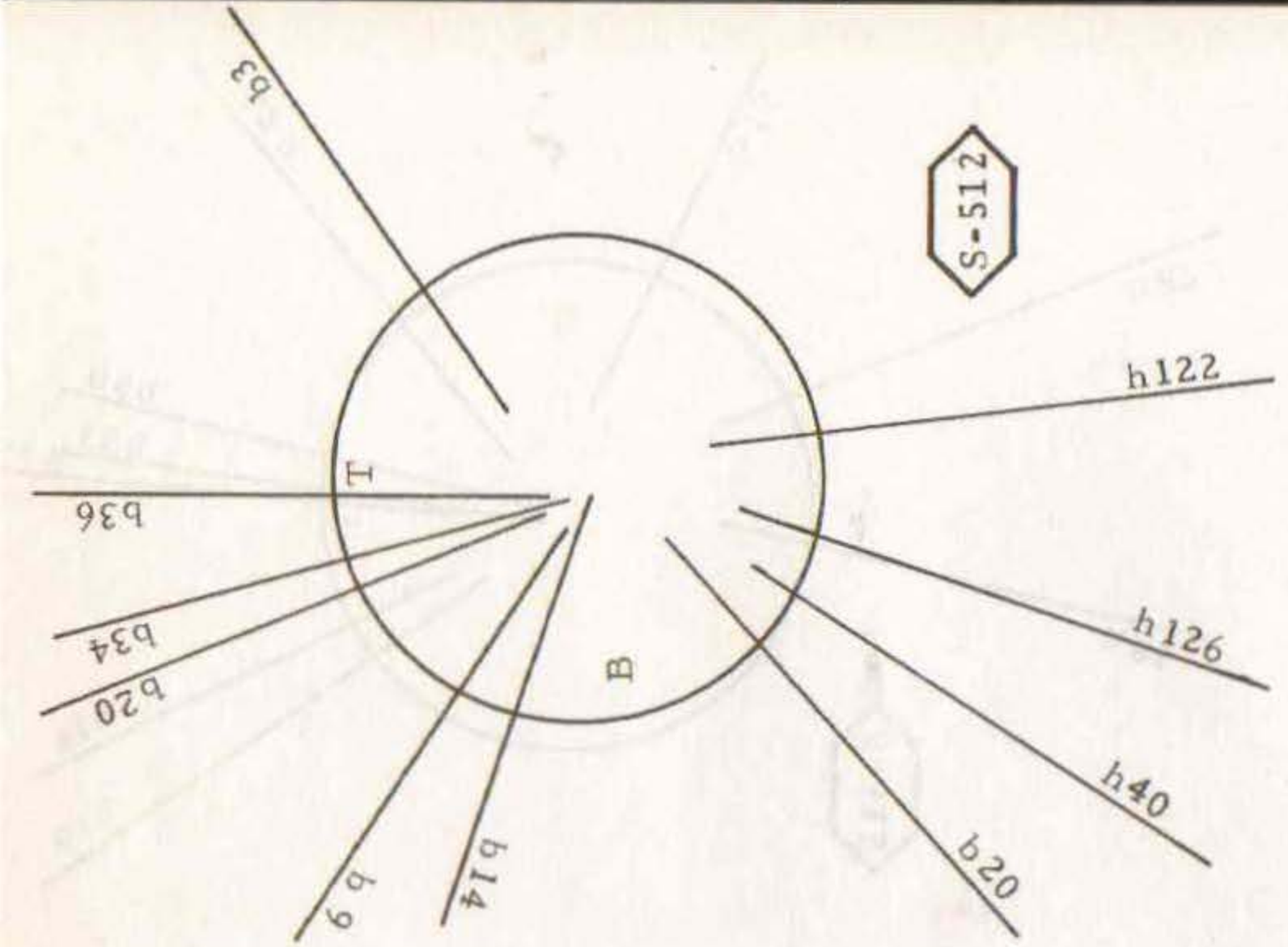

S-57
b33.5
b32
b35
h113
h117
h66
b21.5
h31.5
b16
b9
b16.5
T
B

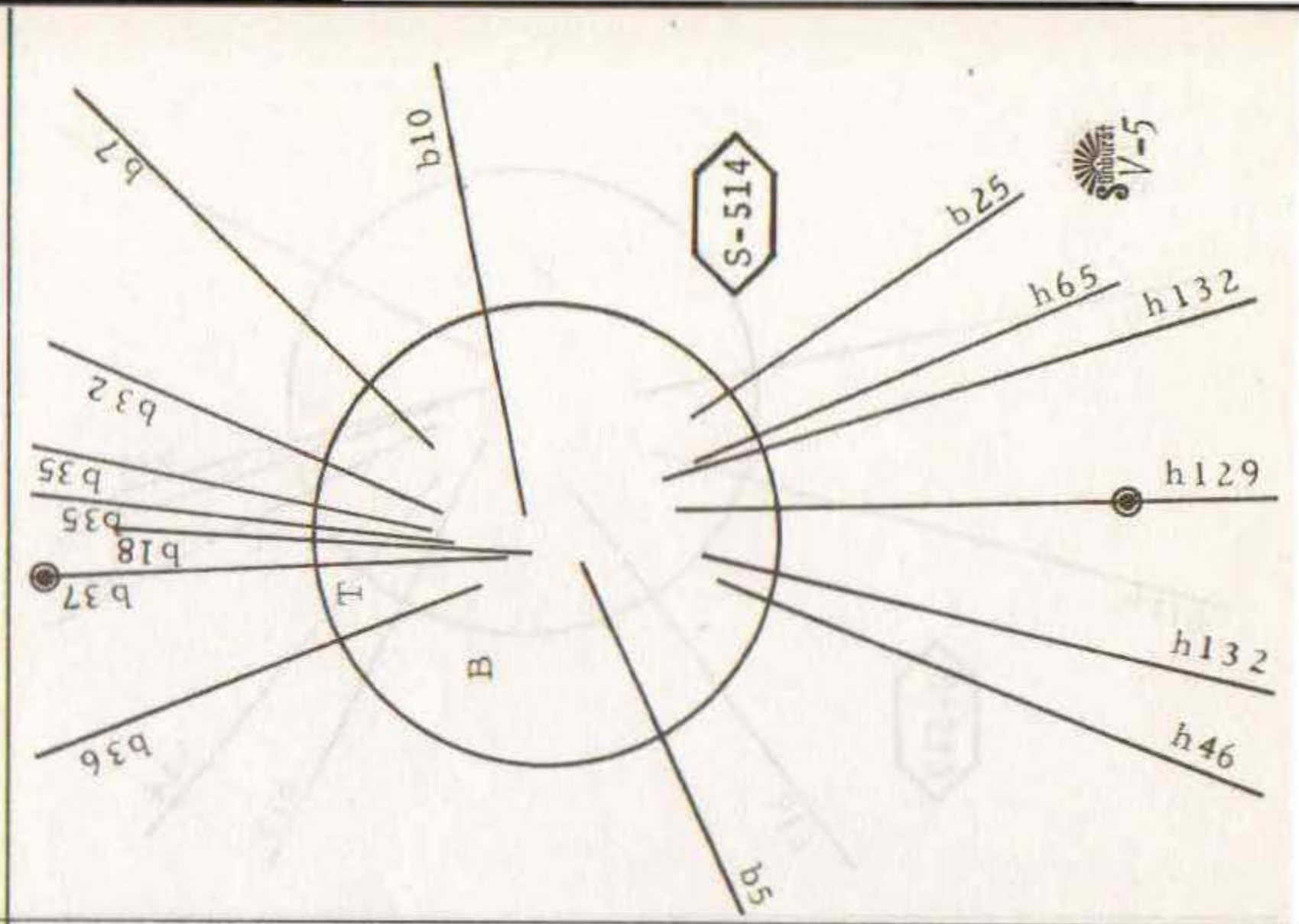

9
10
13
10
27
27
38
7
30
T
F
S-124

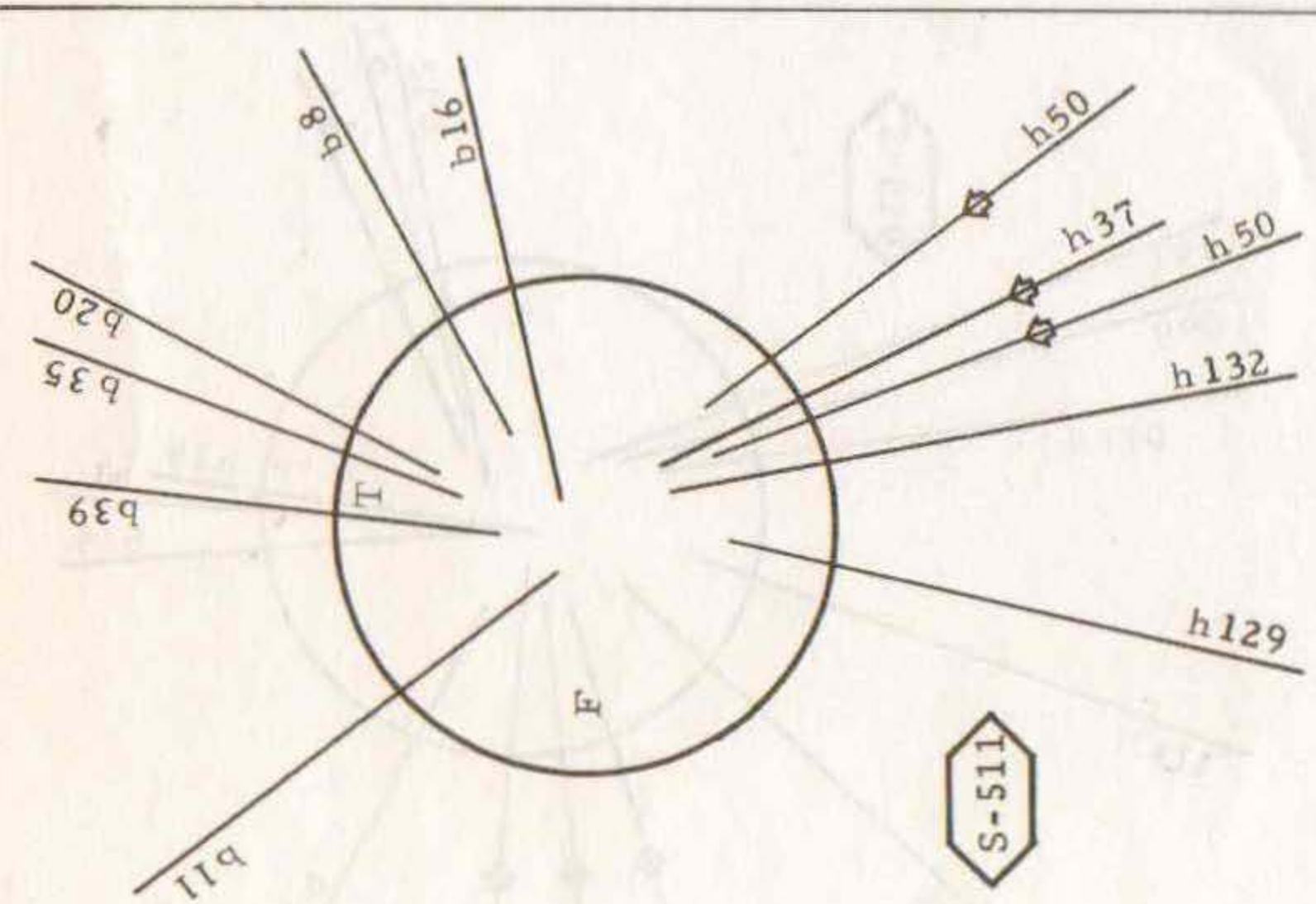

sleeveless b11
sleeved b10
b28
b28
b23
b22
b25
T
B
b26
h71
h235
h235
h237
h136
h42,78
h83
h91
S-510

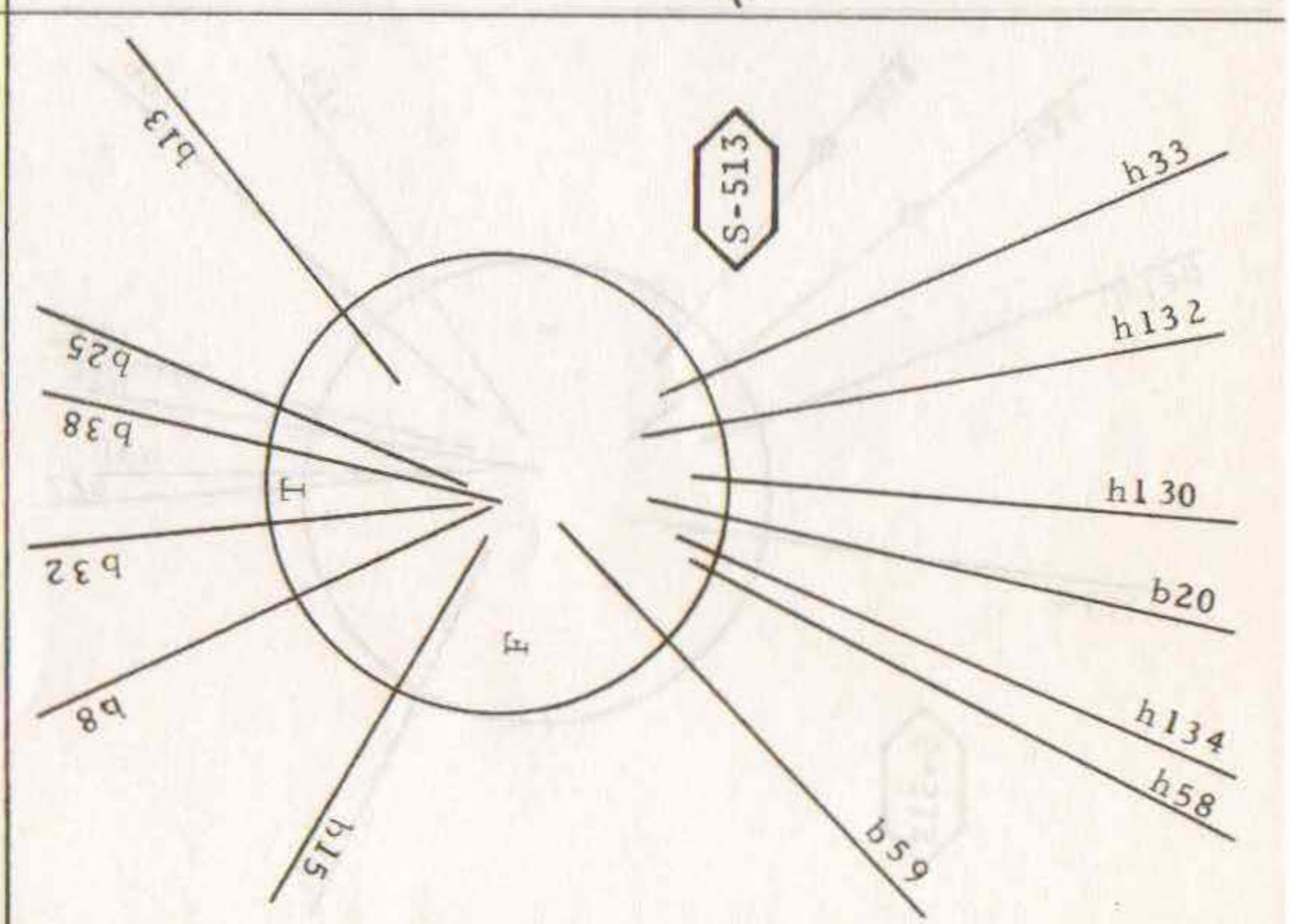

h89
h83
h65, h76
h136
h237
h235
b29
b31
b29
T
F
h235
h70
b17
b18
b17
sleeveless b11
sleeved b10
S-59

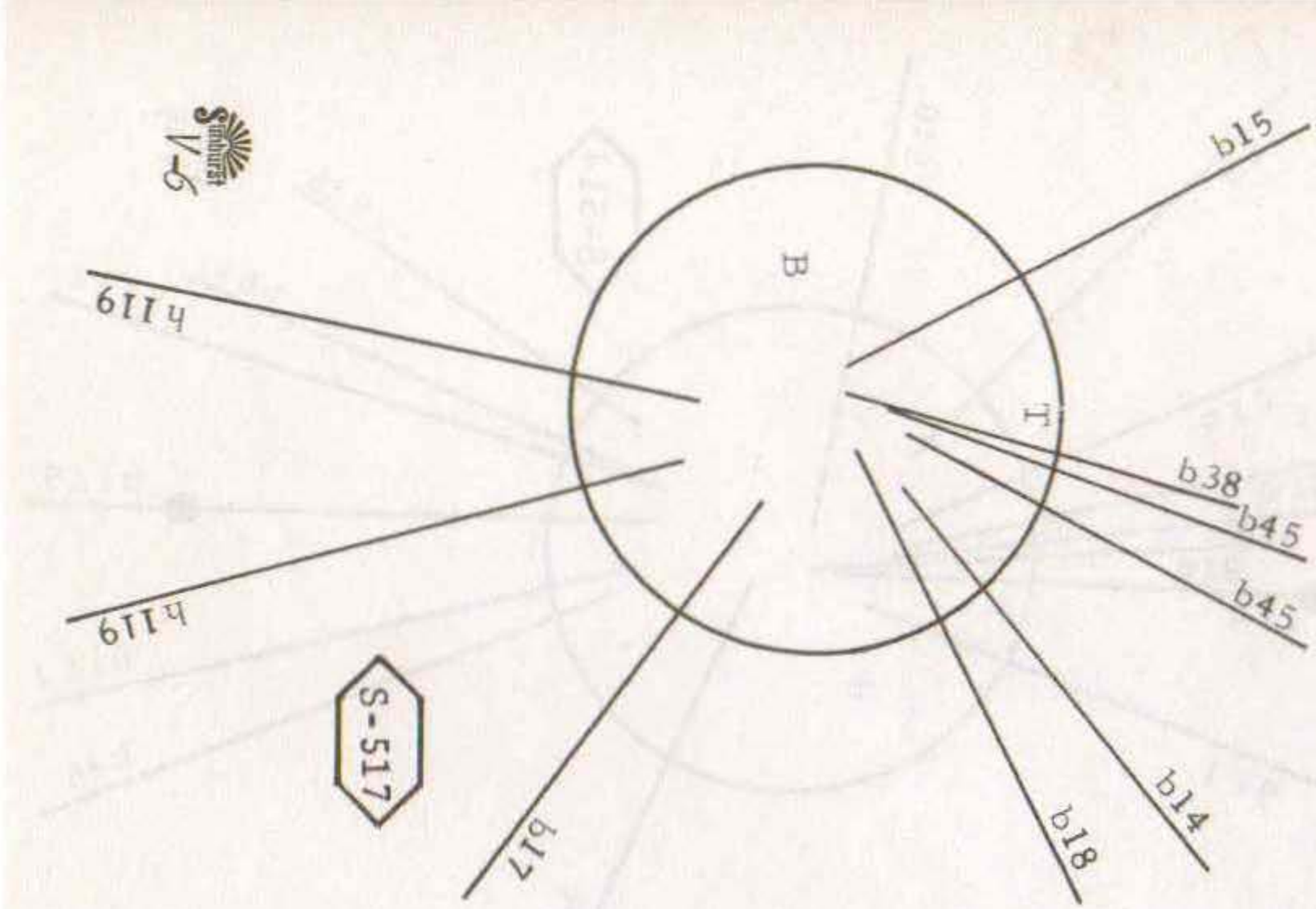

22
18
18
19
29
T
F
S-21
24
17
23

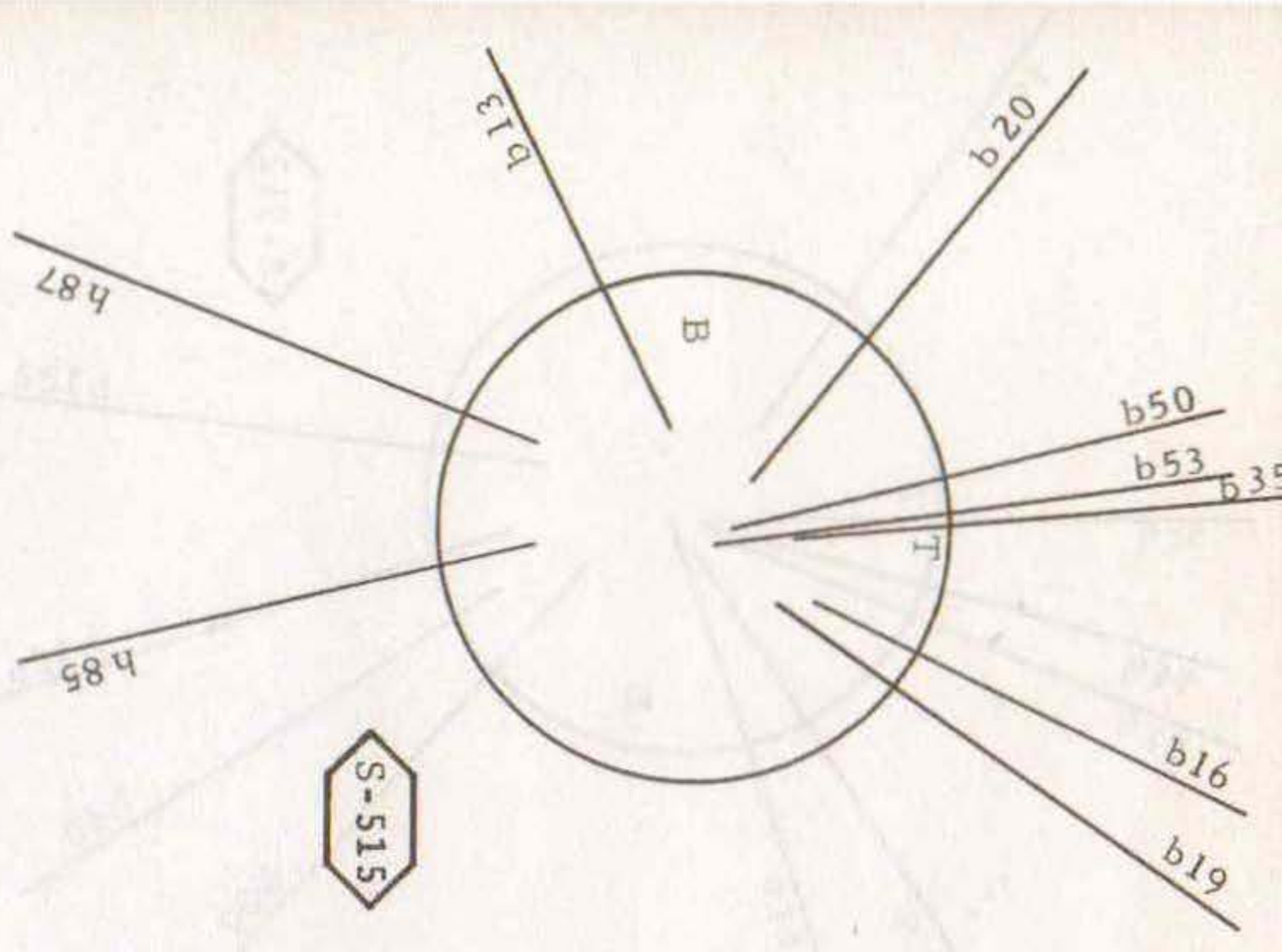

S-512
T
B
b3
b36
b34
b20
b9
b14
h122
h126
h40
b20

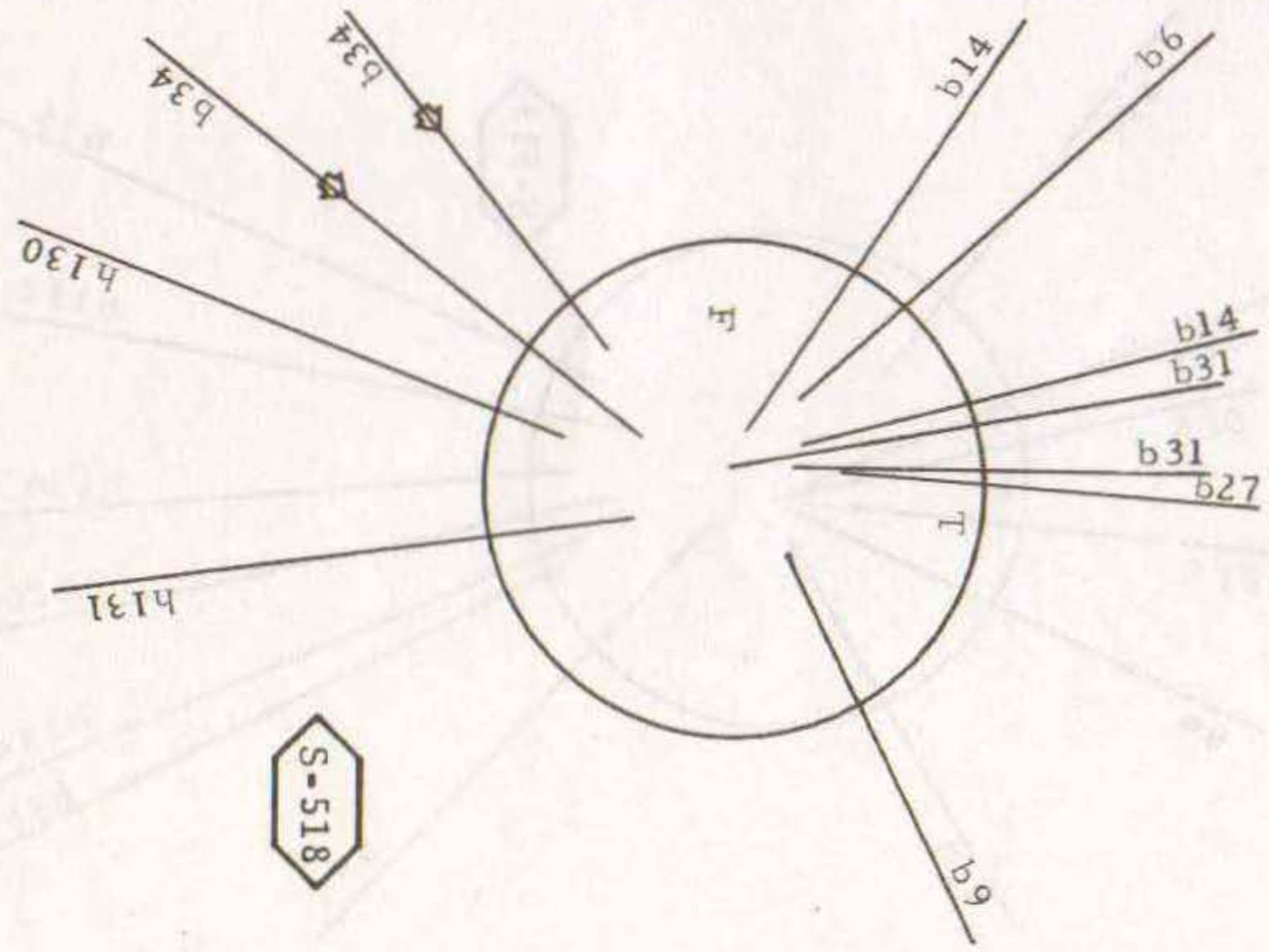

S-514
T
B
b7
b10
b32
b35
b35
b18
b37
b36
b5
b25
h65
h132
h129
h132
h46

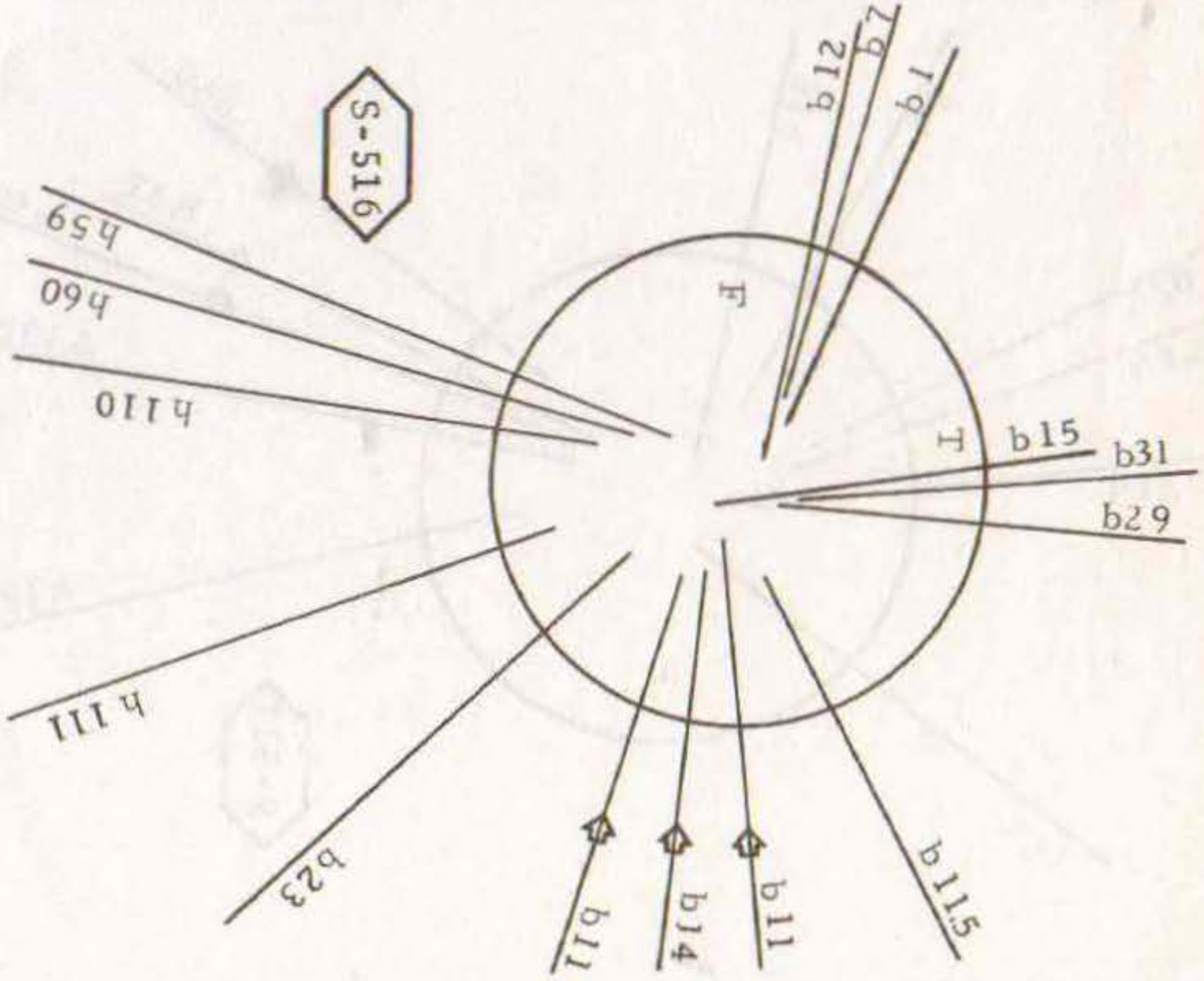

S-511
T
F
b8
b16
b20
b35
b39
b11
h50
h37
h50
h132
h129


S-513
T
F
b13
b25
b38
b32
b8
b15
h33
h132
h130
b20
h134
h58
b59


S-517
B
T
h119
h119
b17
b18
b14
b45
b45
b38
b15

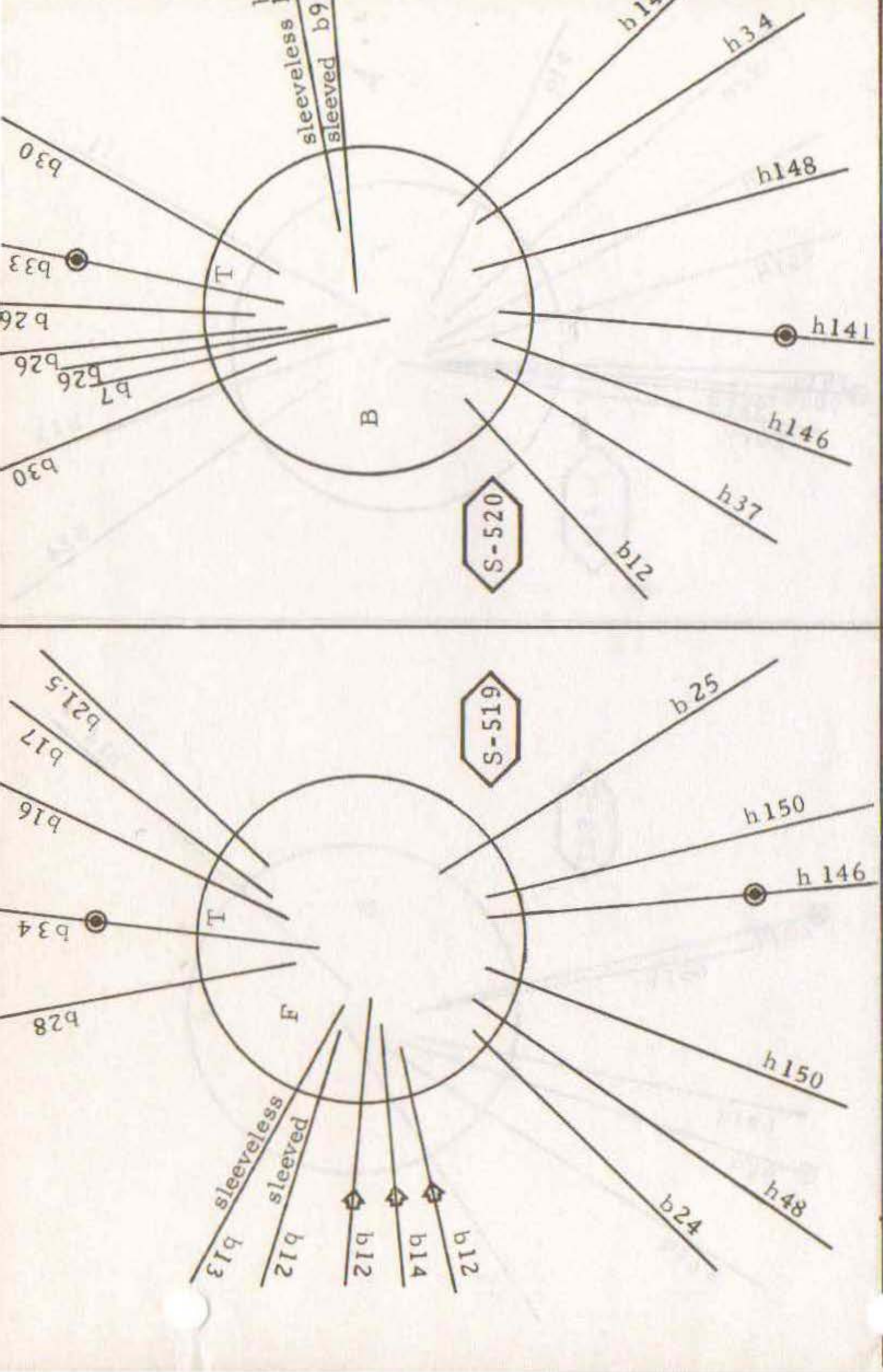

S-515
B
T
h85
h87
b13
b20
b50
b53
b16
b19

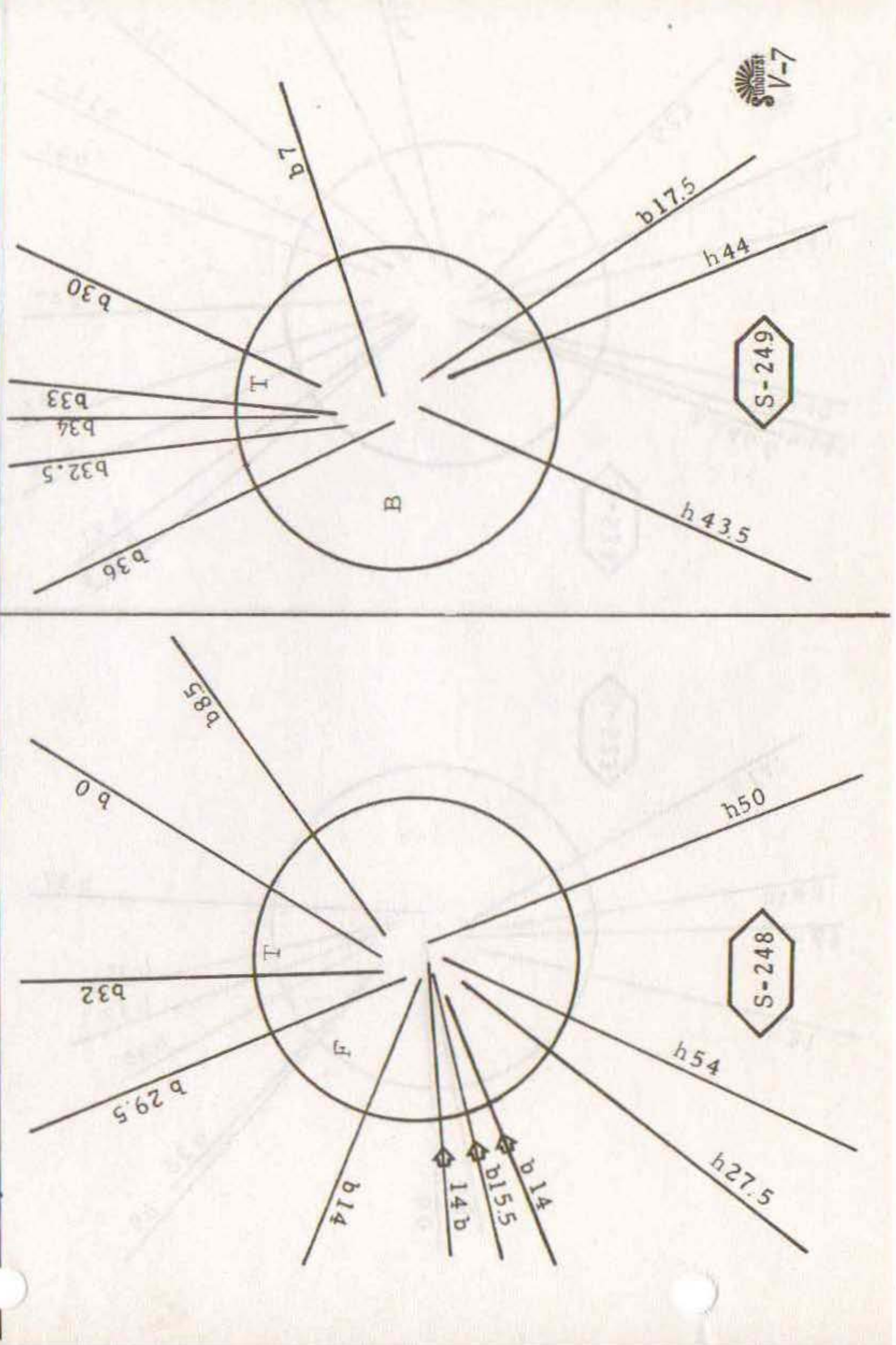

S-518
F
T
h131
h130
b34
b34
b14
b6
b31
b27
b9

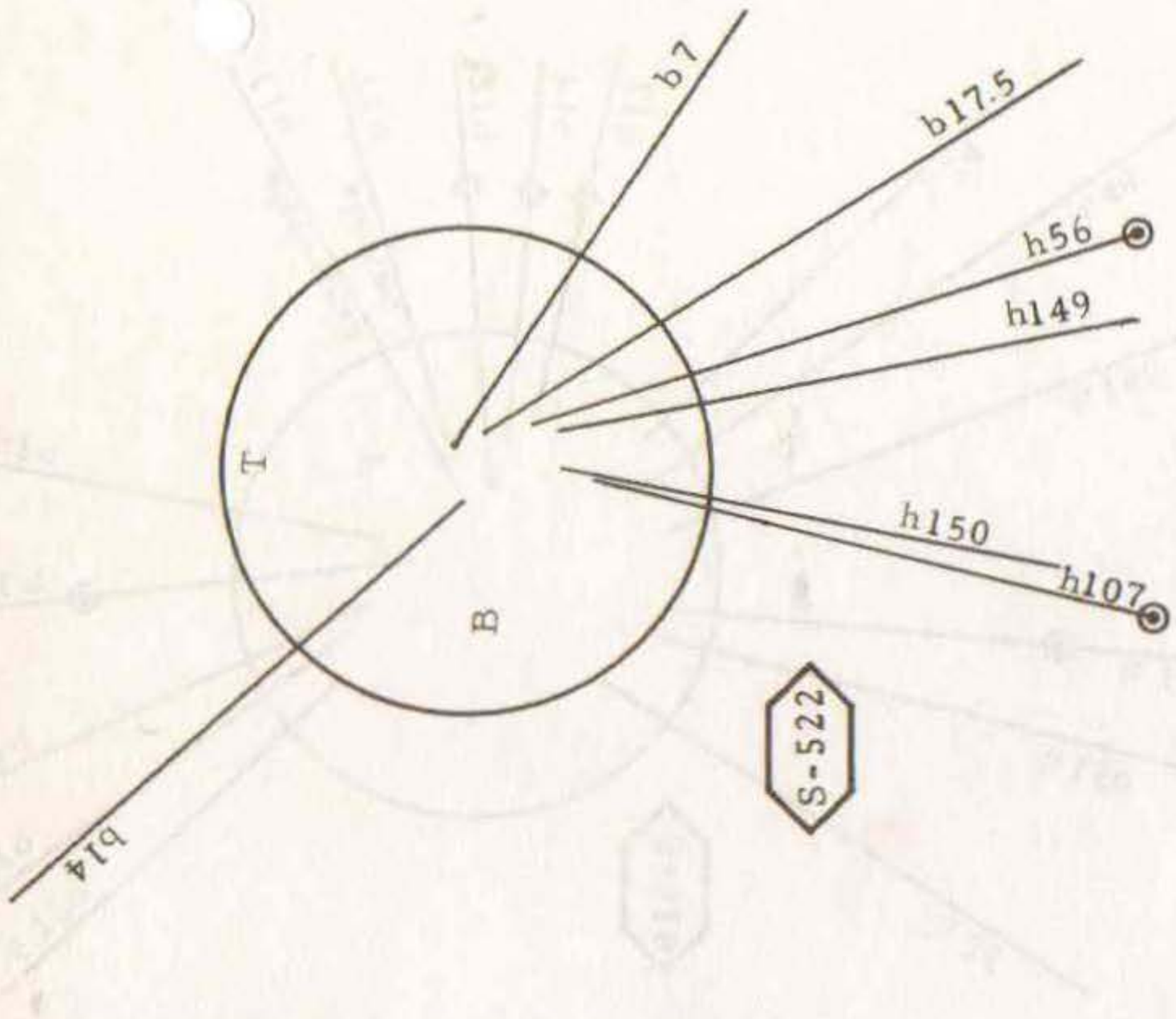

S-516
F
T
h111
h110
h60
h59
b12
b2
b1
b15
b31
b29
b23
b11
b14
b11
b115

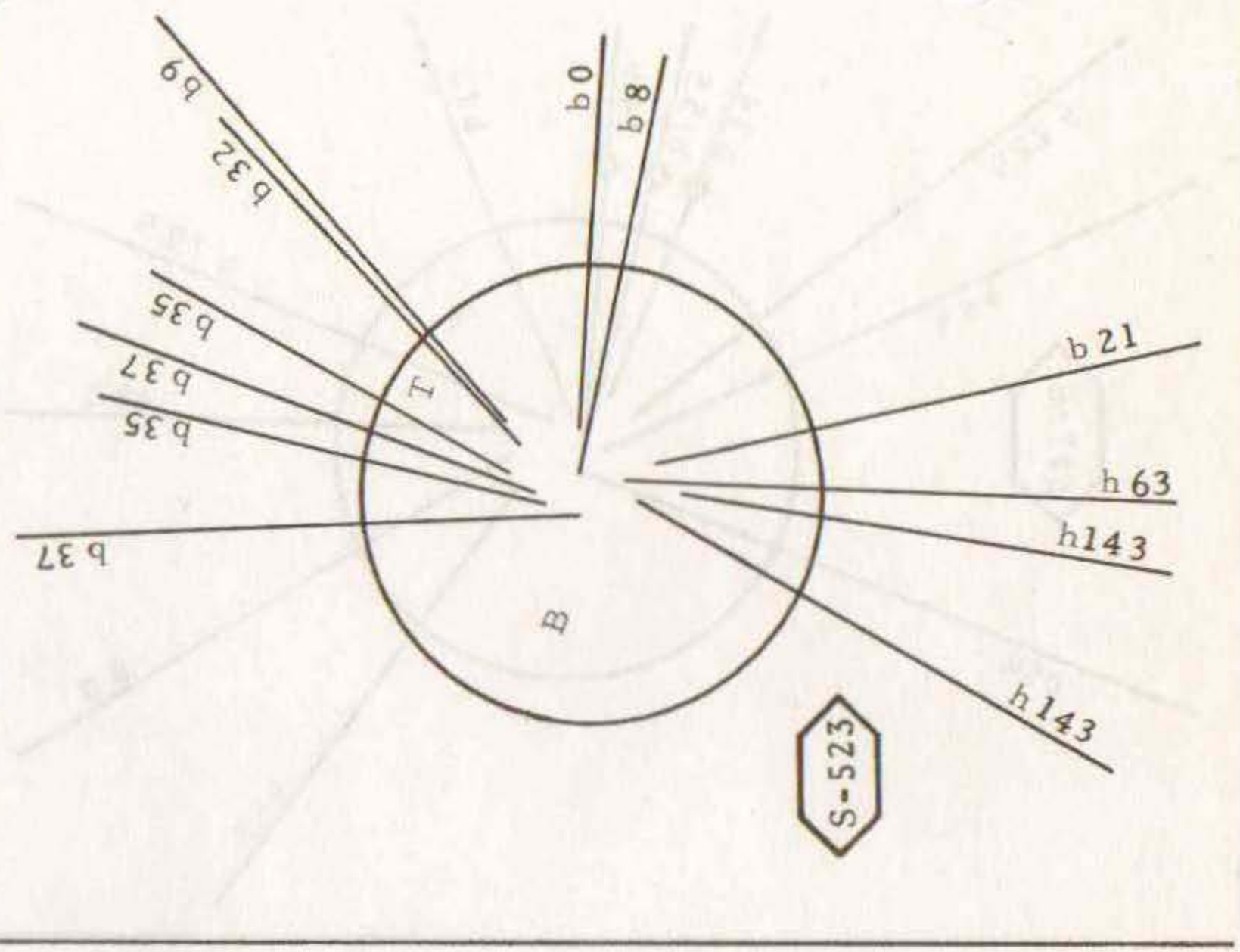
b
sleeveless 11
sleeved b9
h14
h34
h148
b30
b33
T
b26
b26
b26
b7
h141
B
h146
h37
b30
S-520
b12

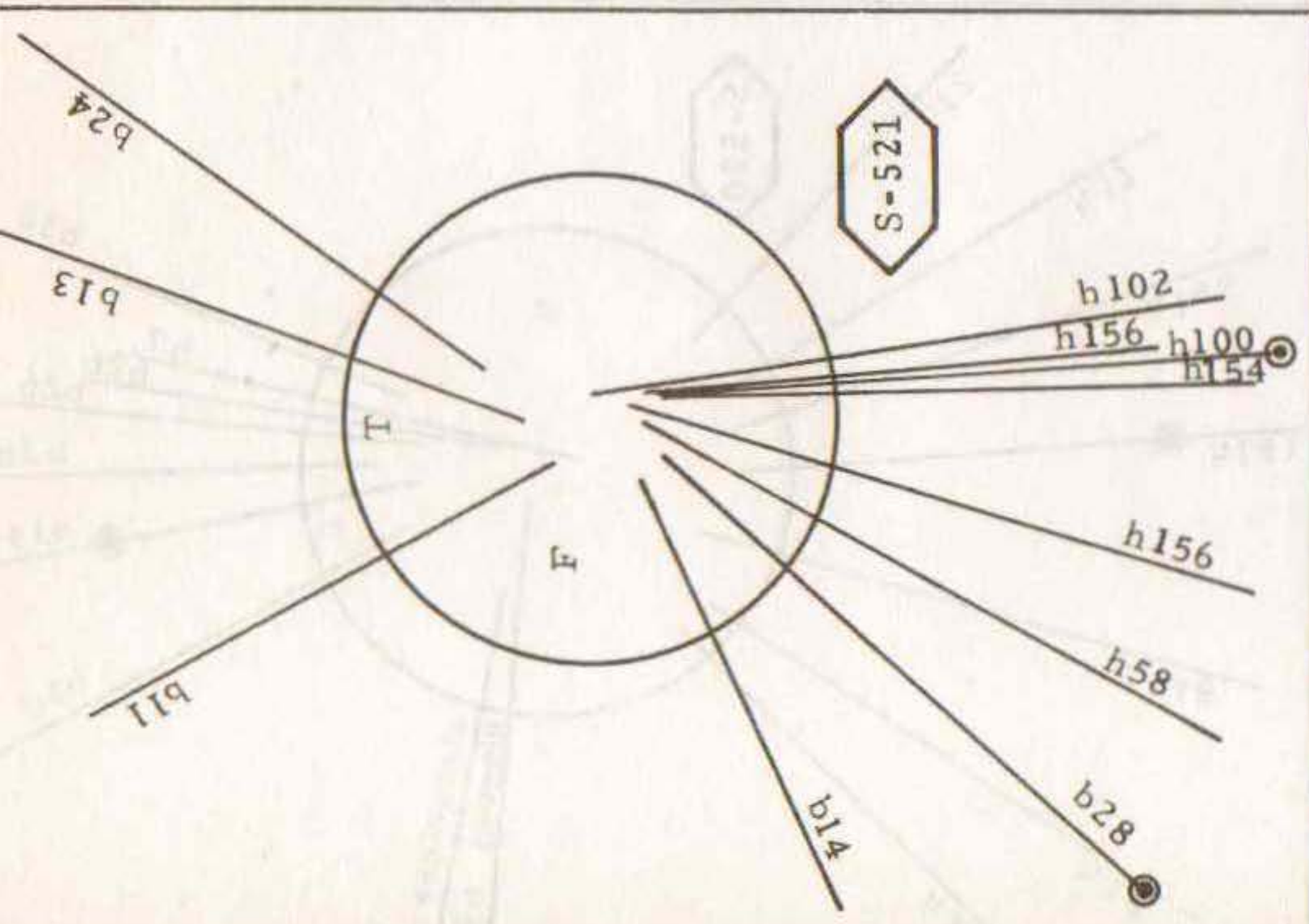

V-7
b7
b17.5
h44
b30
T
b33
b34
b32.5
S-249
B
h43.5
b36


S-519
b25
b21.5
b17
h150
b16
h 146
T
b34
b28
F
h150
sleeveless
sleeved
h48
b24
b13
b12
b12
b14
b12

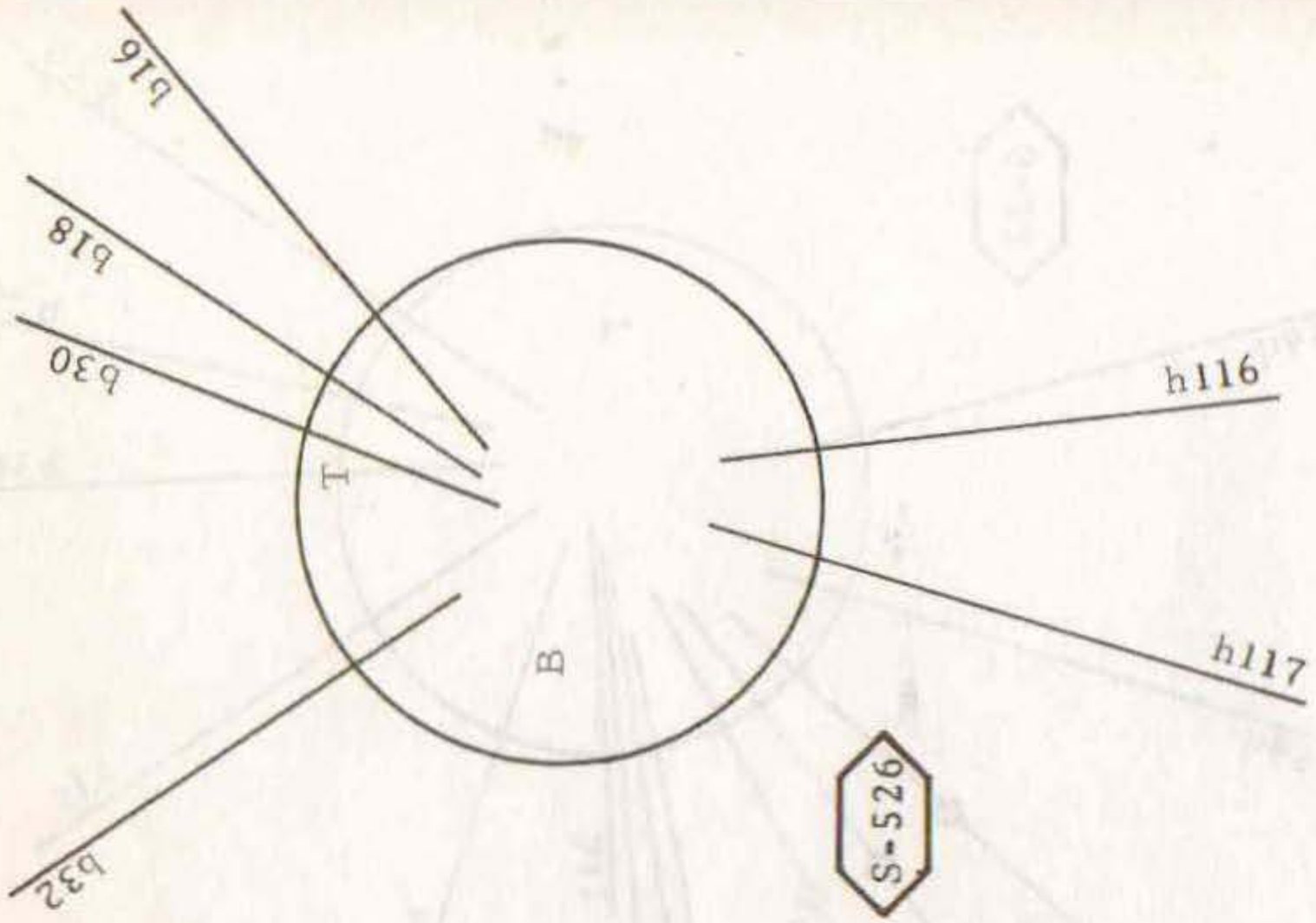

b85
b0
h50
T
b32
S-248
F
h54
b29.5
h27.5
b14
14 b
b15.5
b 14

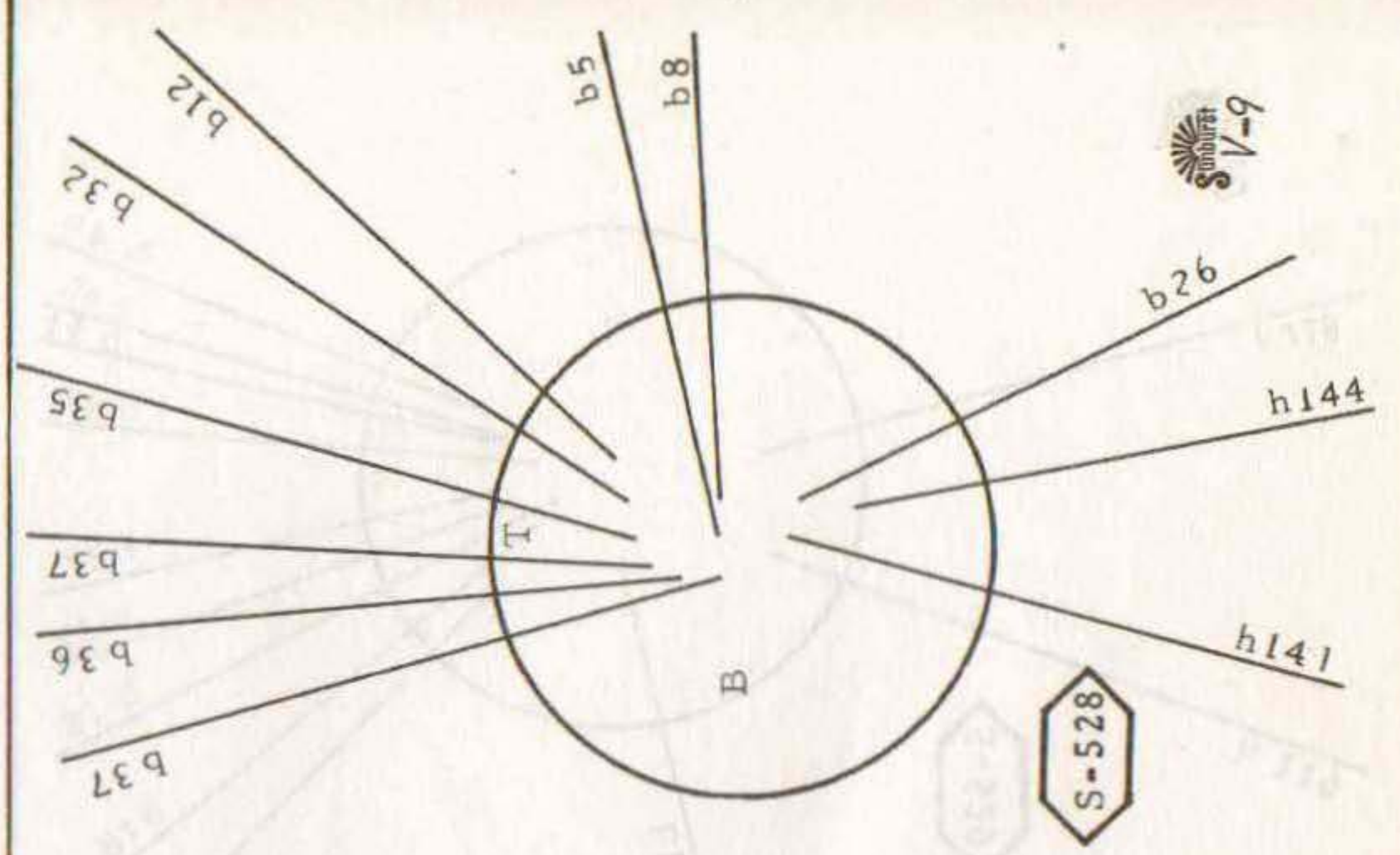

b7
b17.5
h56
h149
h150
h107
b14
T
B
S-522

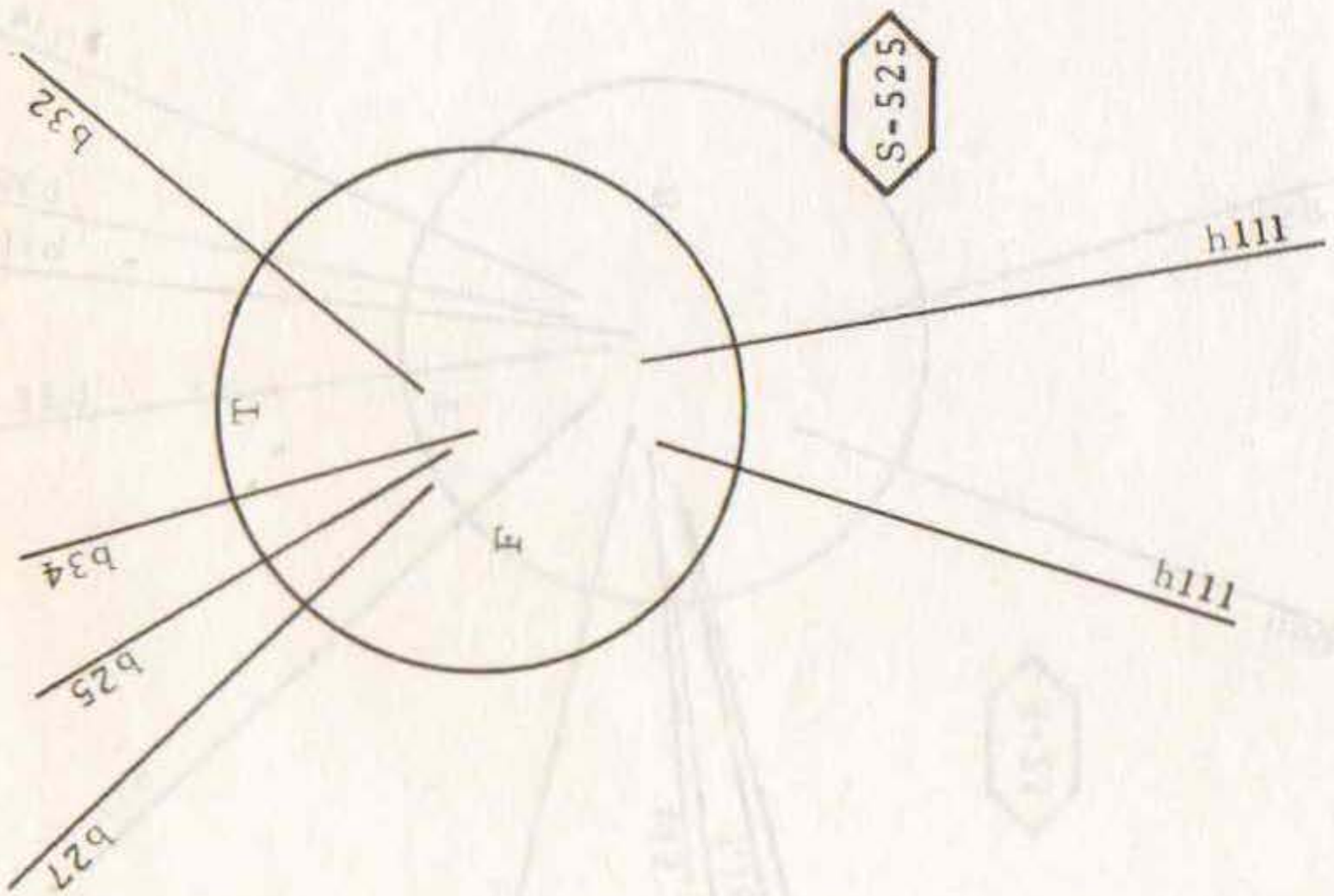

b9
b32
b35
b37
b35
b37
b0
b8
b21
h63
h143
h143
T
B
S-523

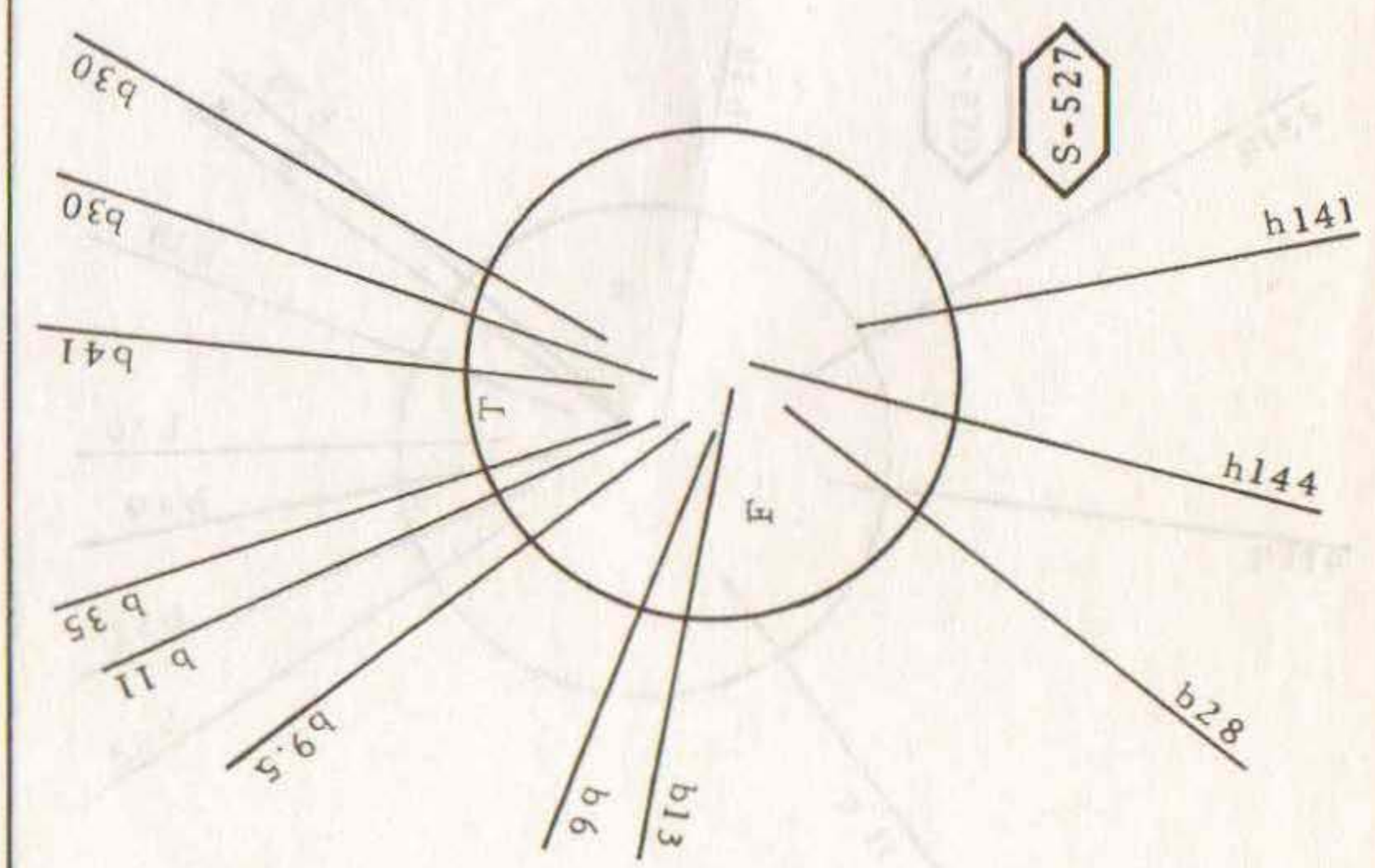

b24
b13
h102
h156
h100
h154
h156
h58
b28
b14
b11
T
F
S-521

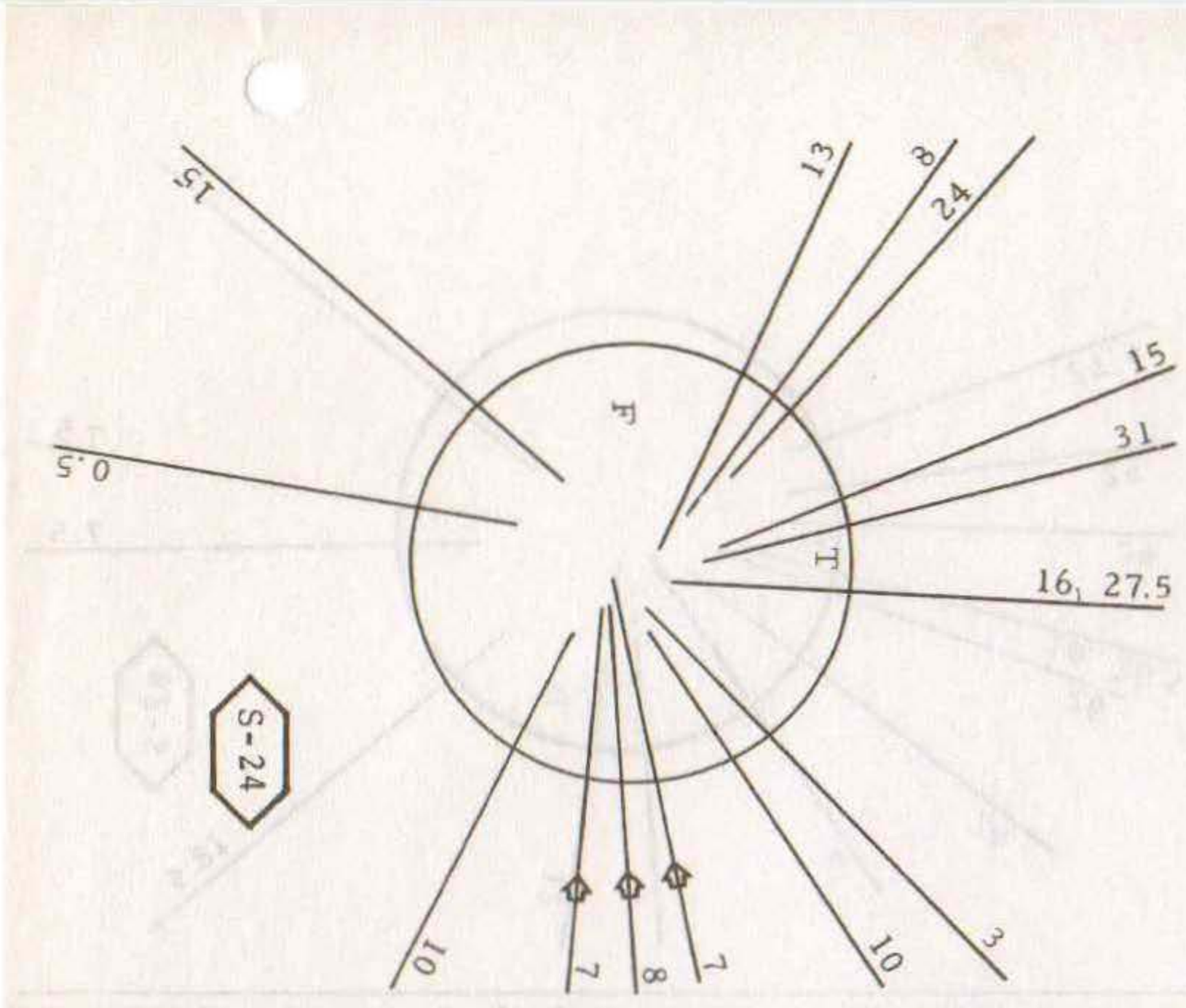

b49.5
b43
b34
b32
b47
h146.5
h144
h140
h141
h66
b23
b41
b14.5
b12
b9
b16
T
F
S-524

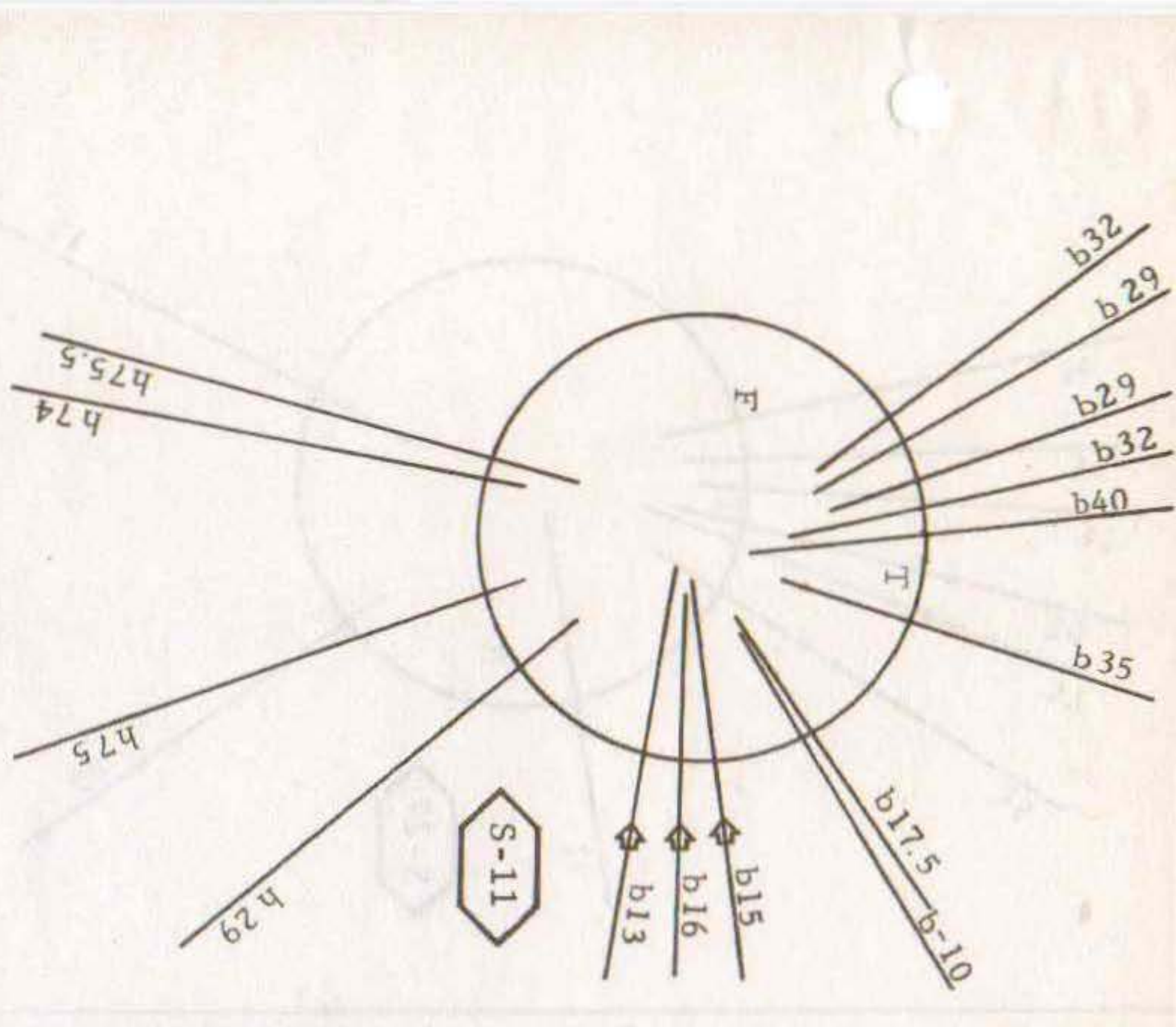

b16
b18
b30
b32
T
B
h116
h117
S-526

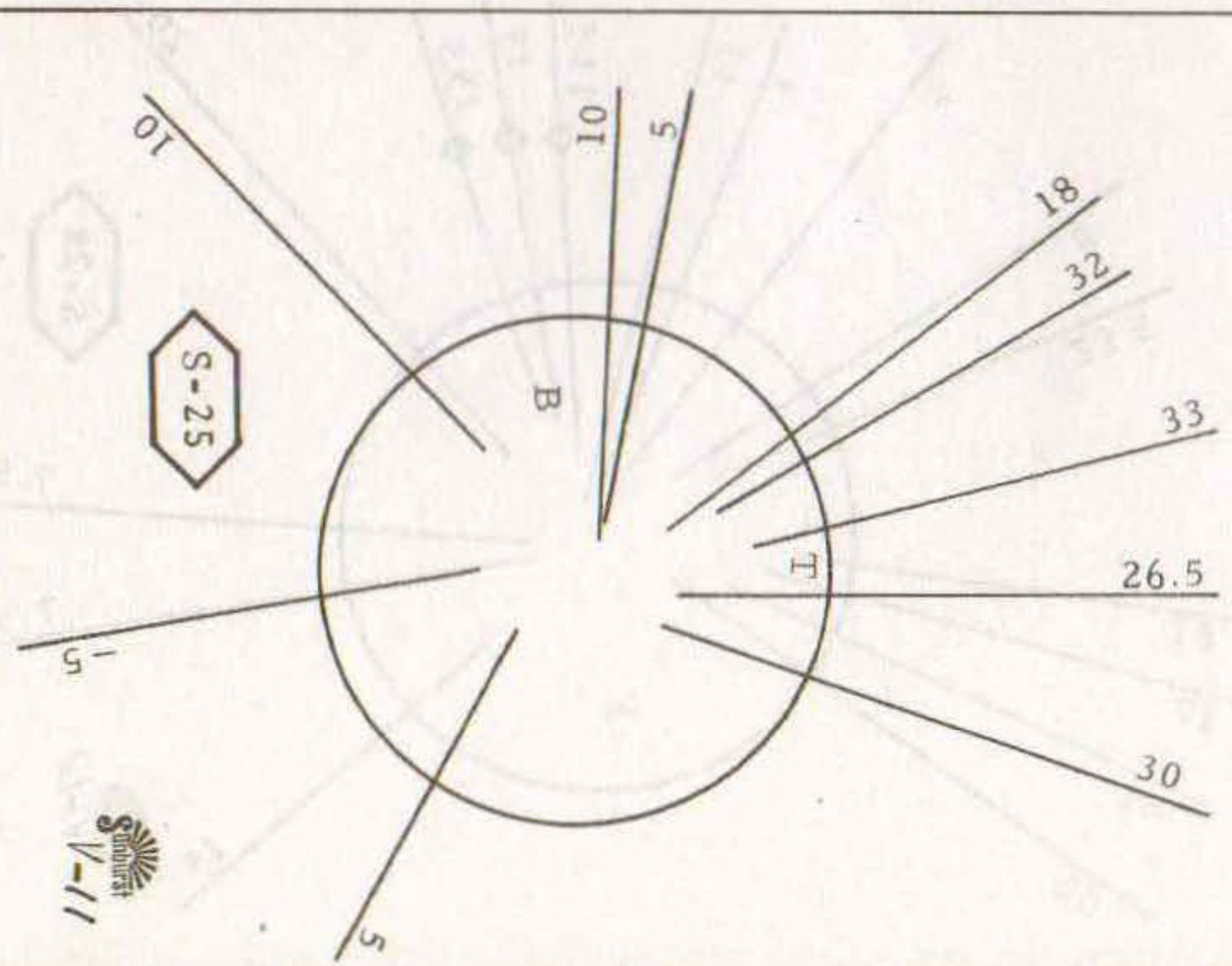

b12
b32
b35
b37
b36
b37
b5
b8
b26
h144
h141
T
B
S-528

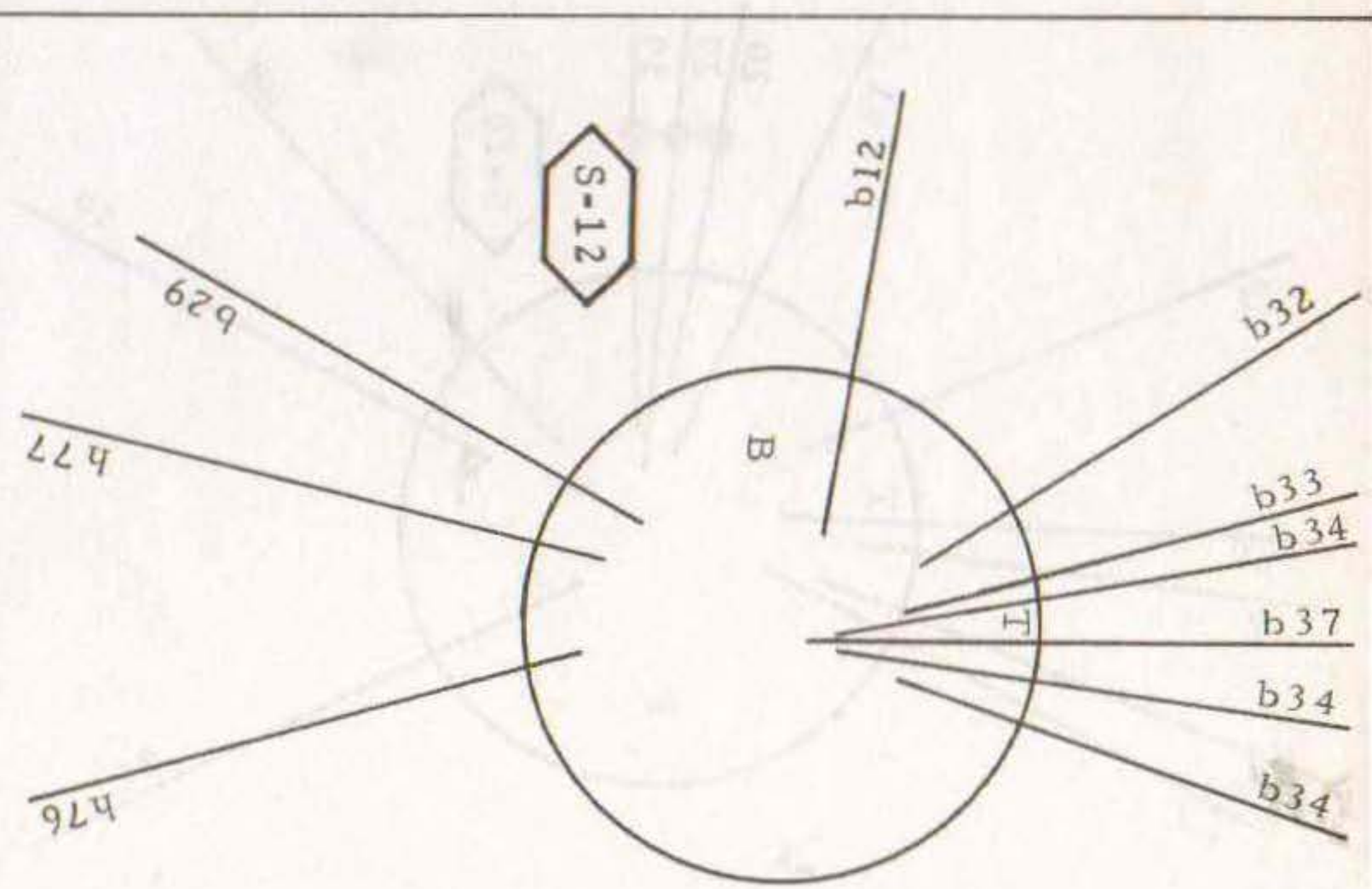

S-525
b32
b34
b25
b27
T
F
h111
h111

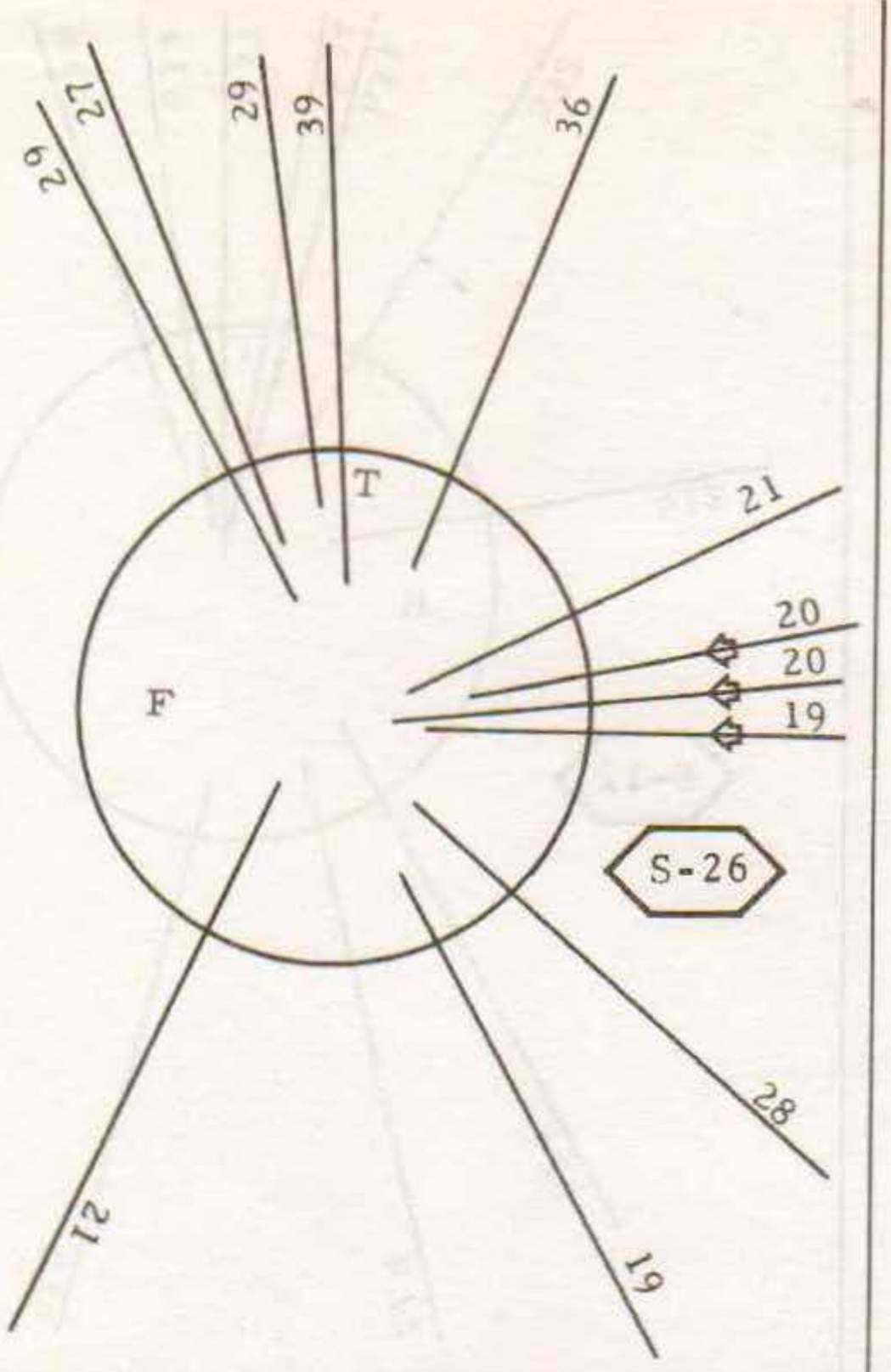

S-527
b30
b30
b41
b35
b11
b9.5
b6
b13
T
F
h141
h144
b28

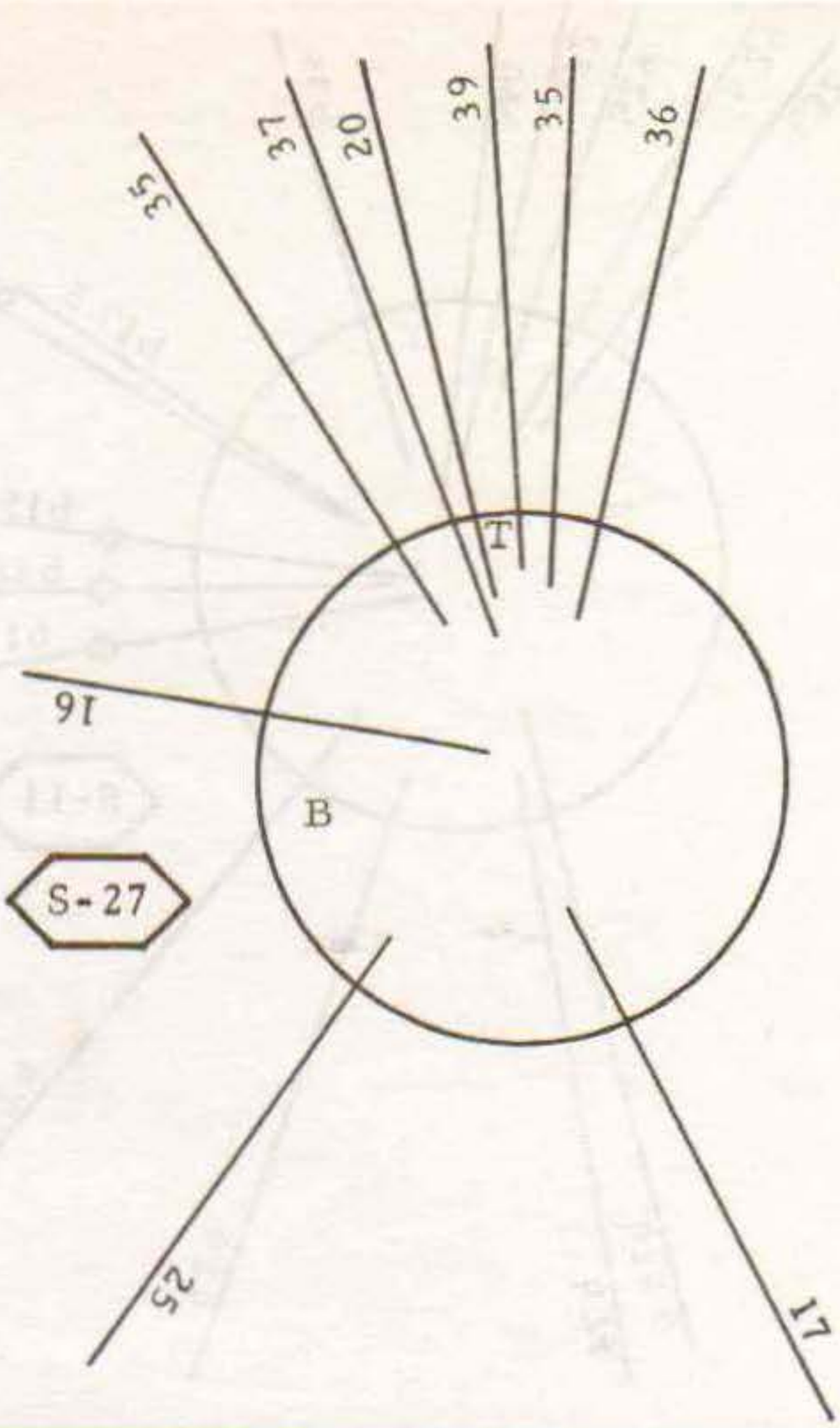

S-24
F
T
15
13
8
24
15
31
16, 27.5
0.5
10
7
8
7
10
3

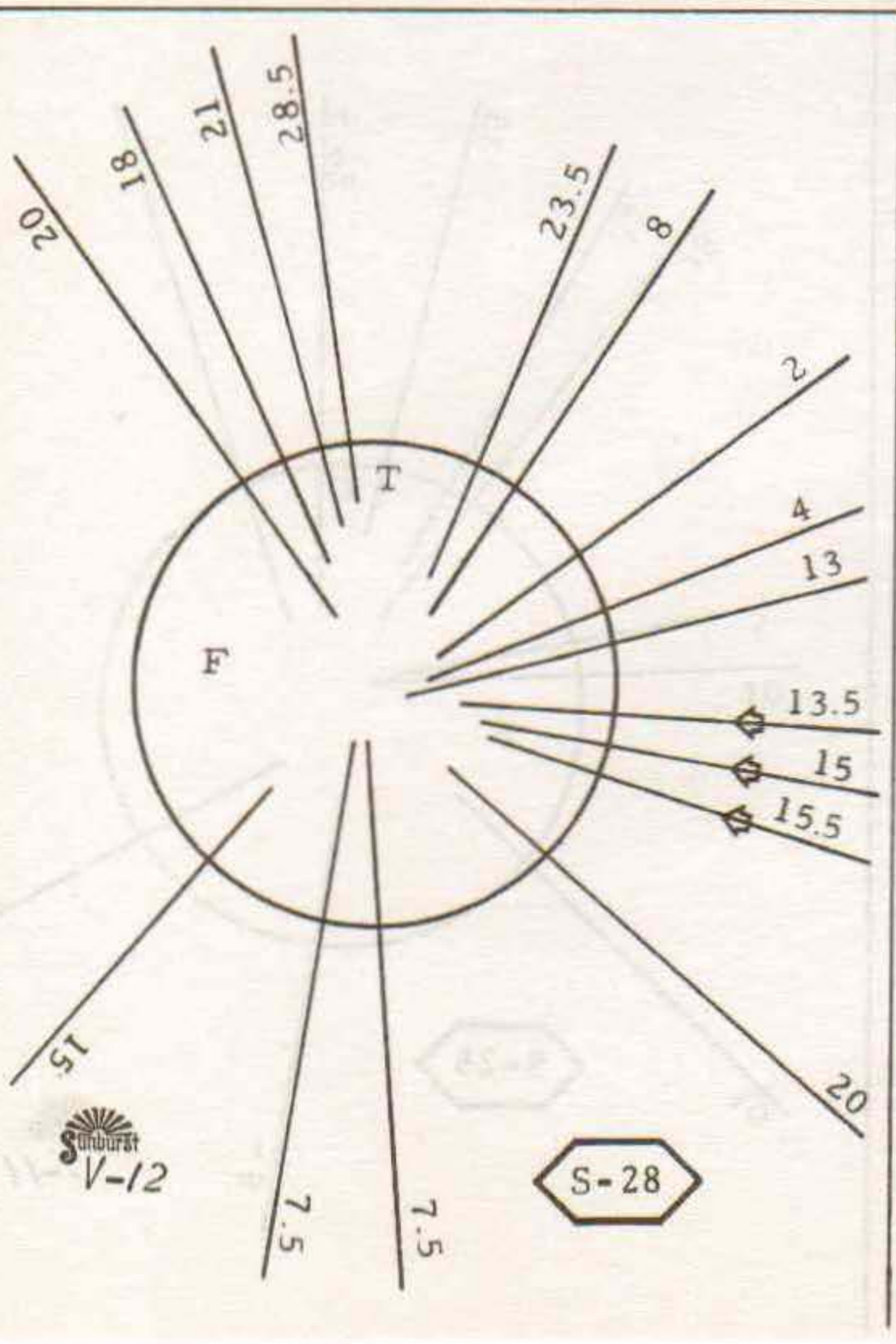

S-11
F
T
b32
b29
b29
b32
b40
b35
h75.5
h74
h75
h29
b13
b16
b15
b17.5
b-10

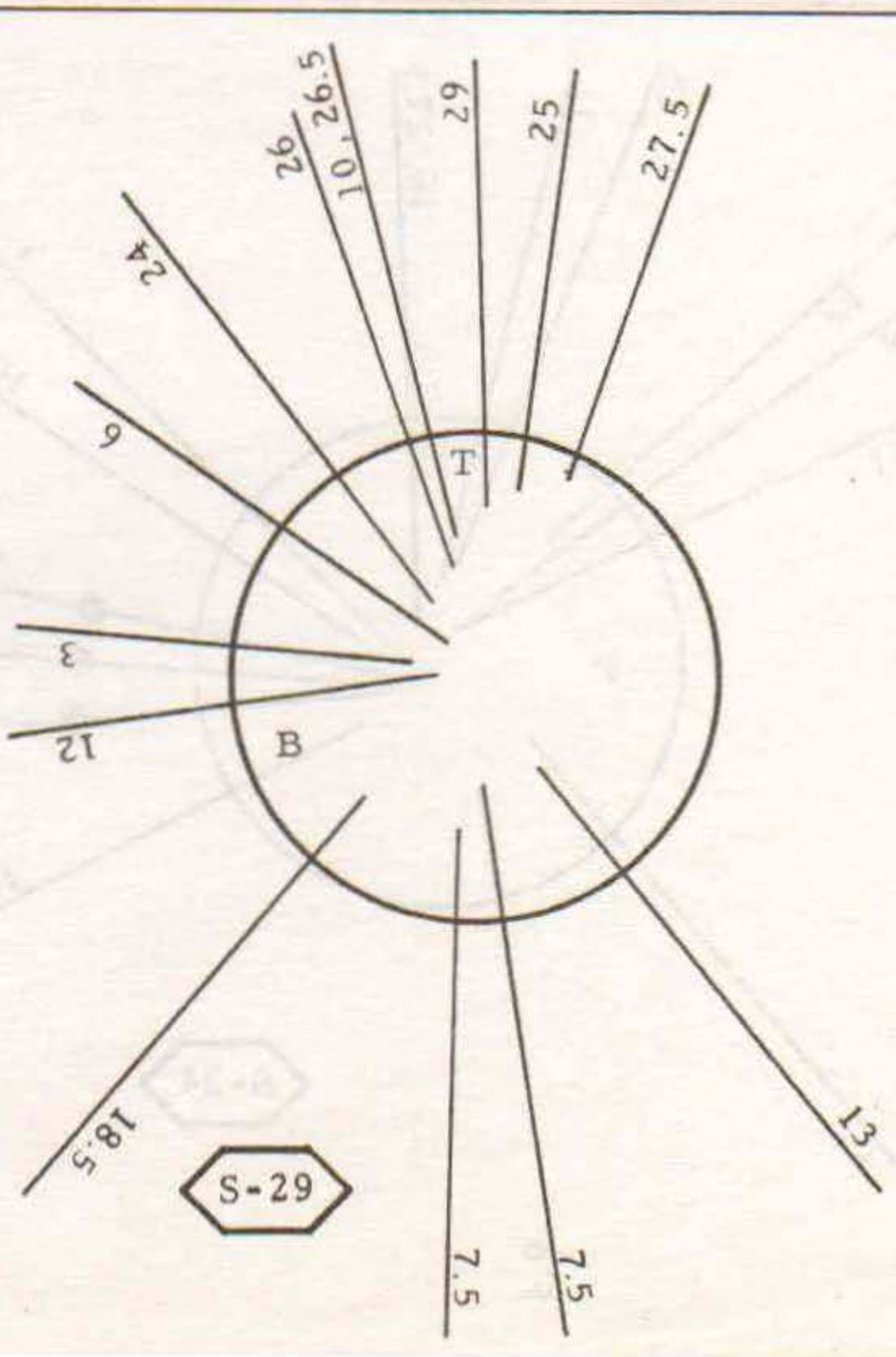

S-25
B
T
10
10
5
18
32
33
26.5
30
15
5


S-12
B
T
b12
629
b32
477
b33
b34
b37
b34
b34
h76

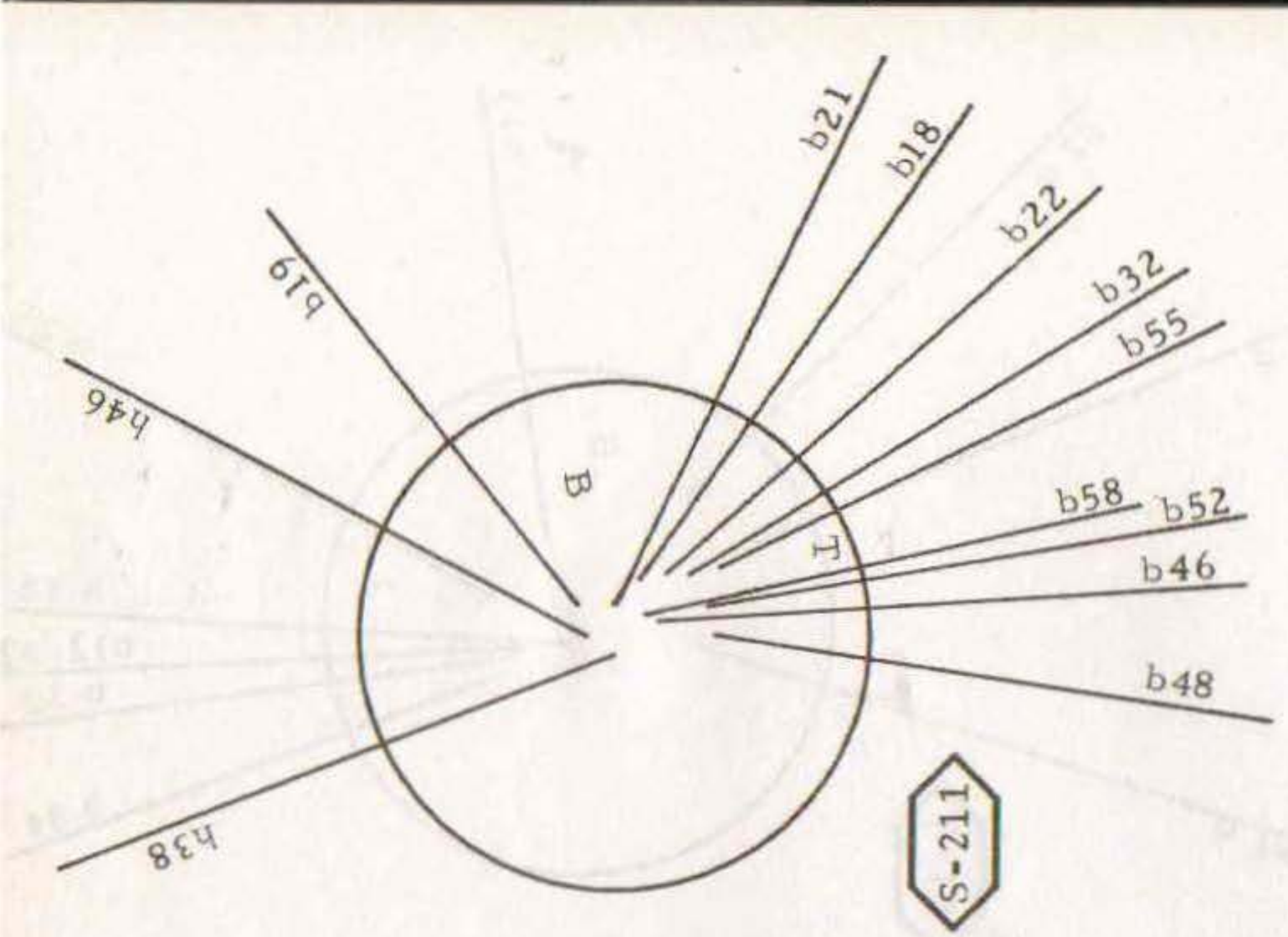


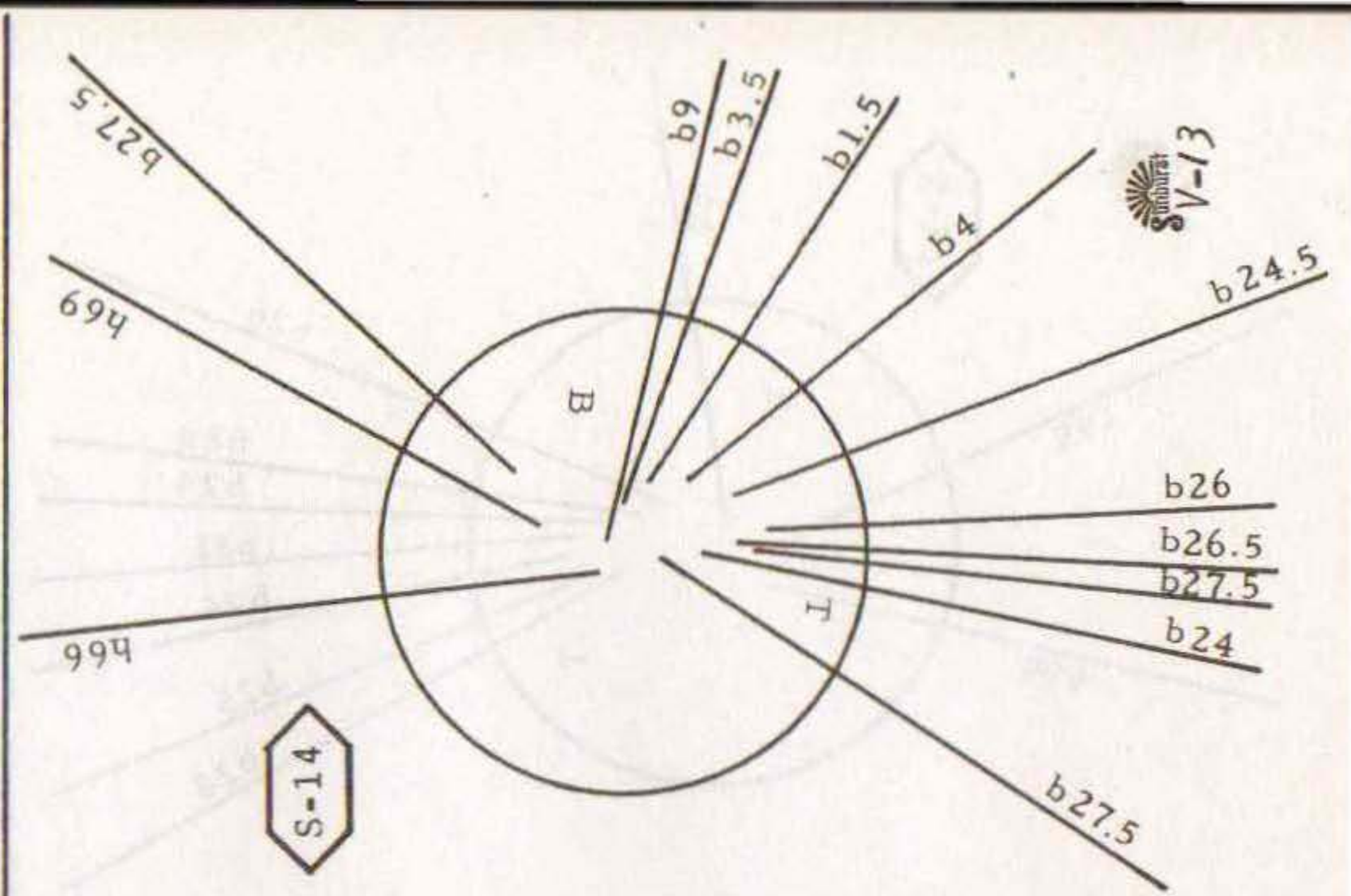



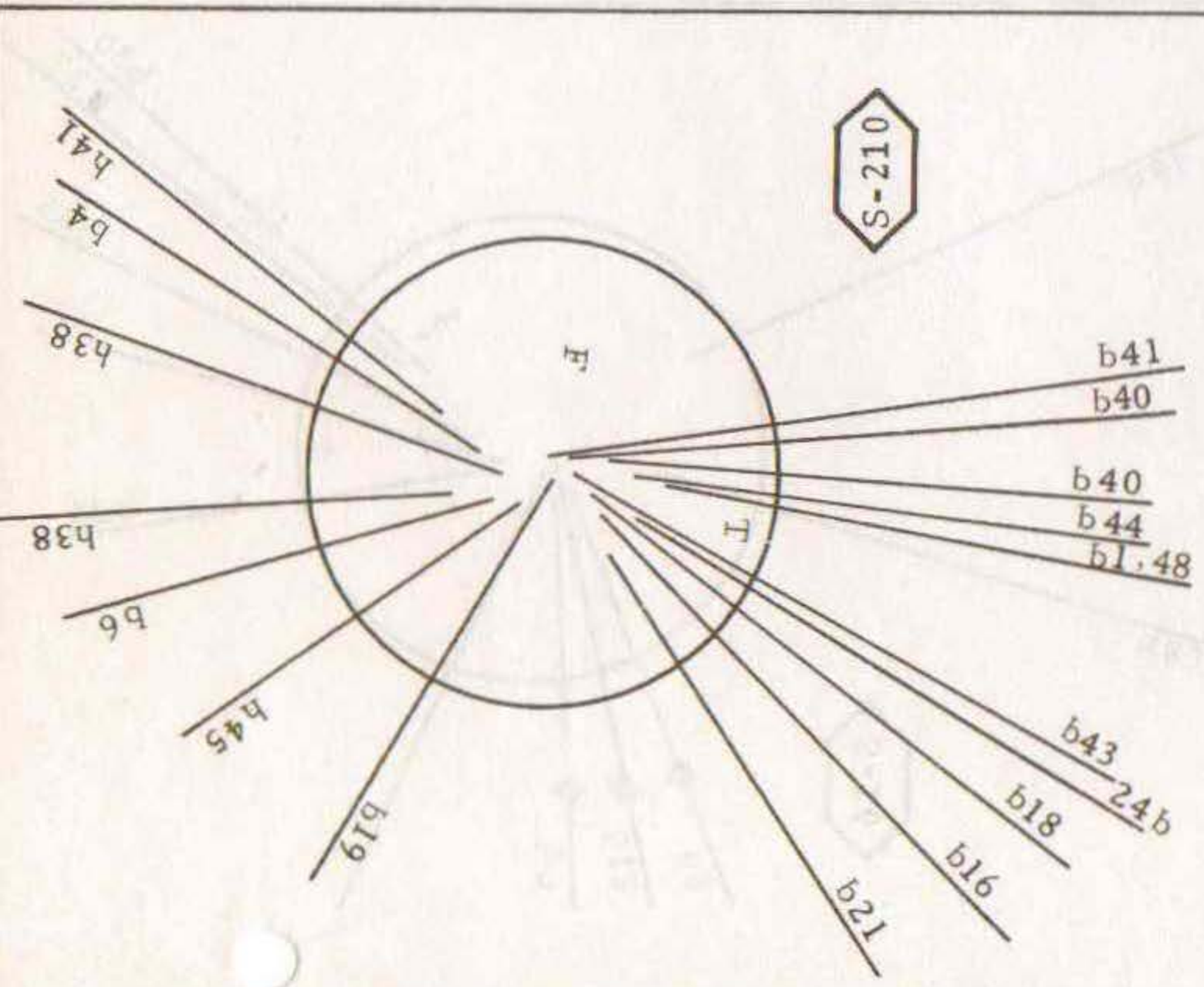



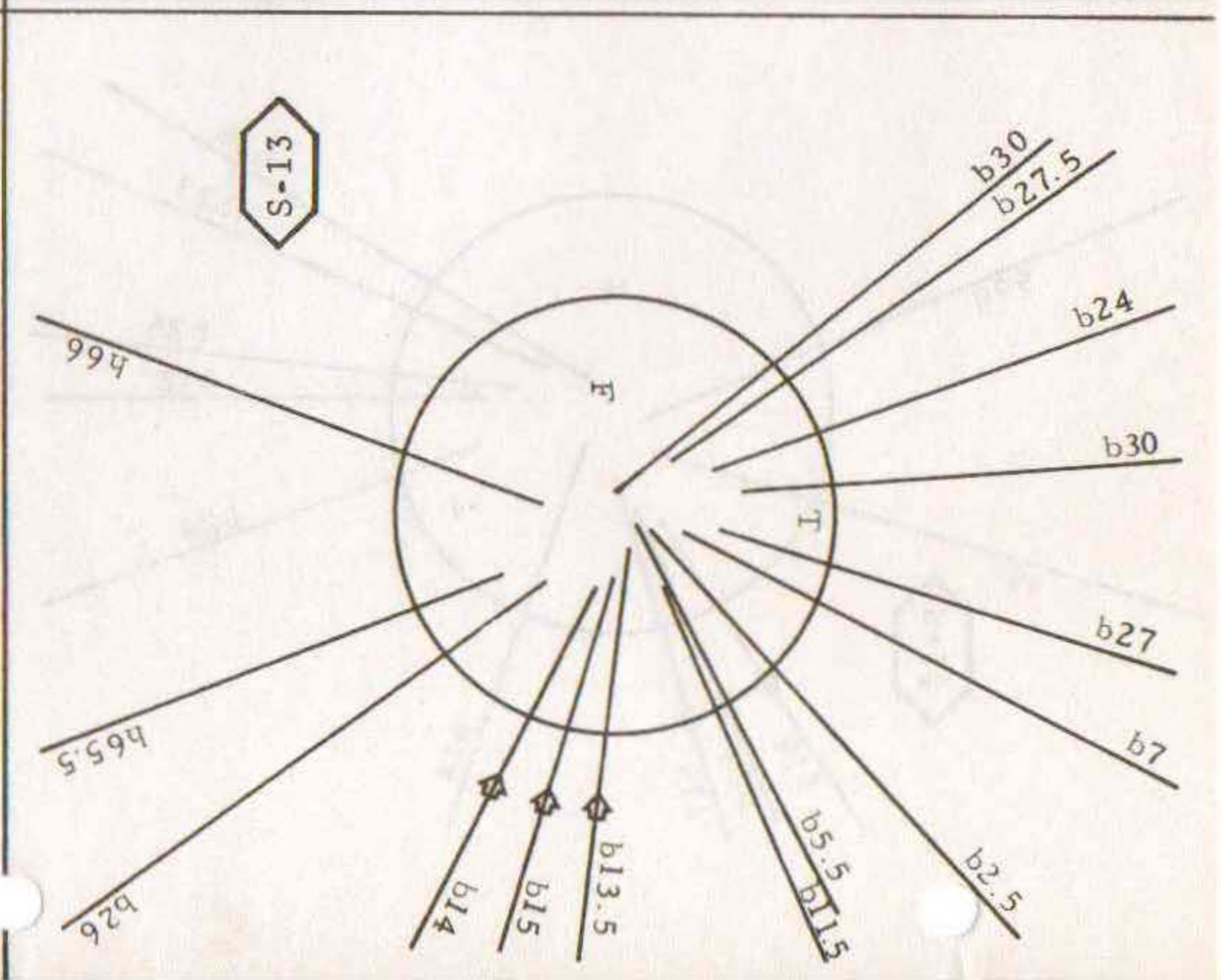



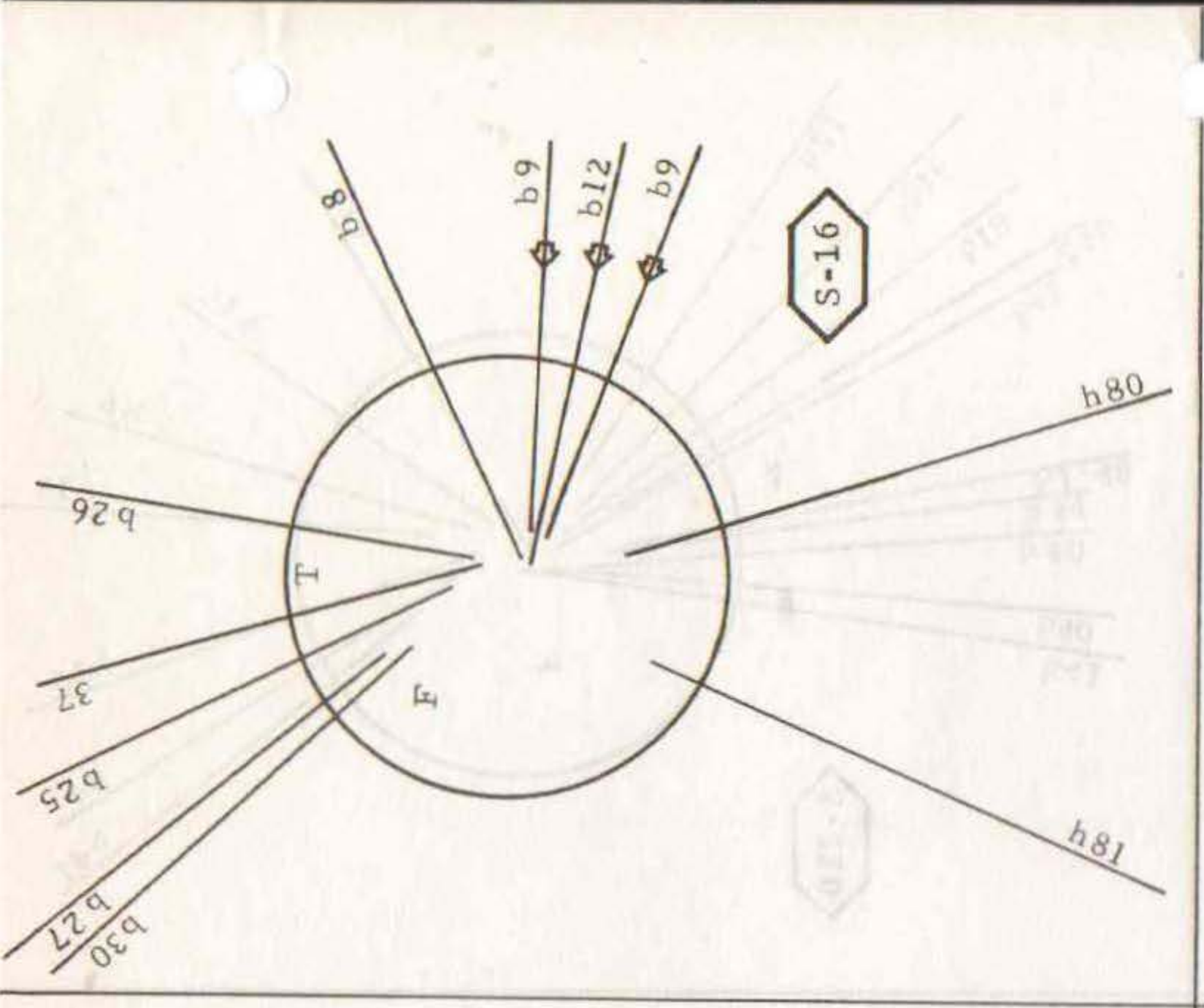

Sunburst
V-12

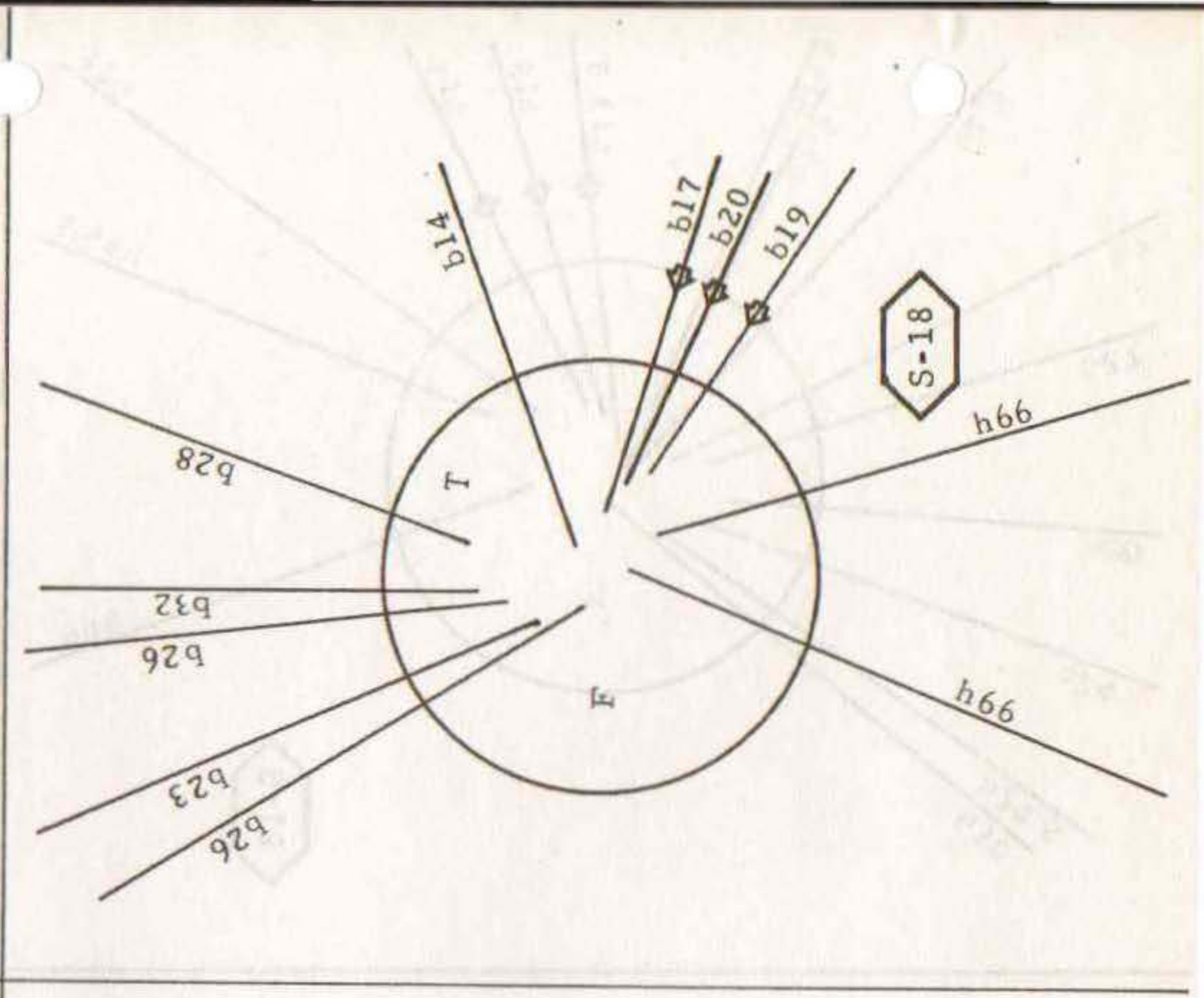

b21
b18
b22
b32
b55
b19
h46
B
T
b58
b52
b46
b48
h38
S-211

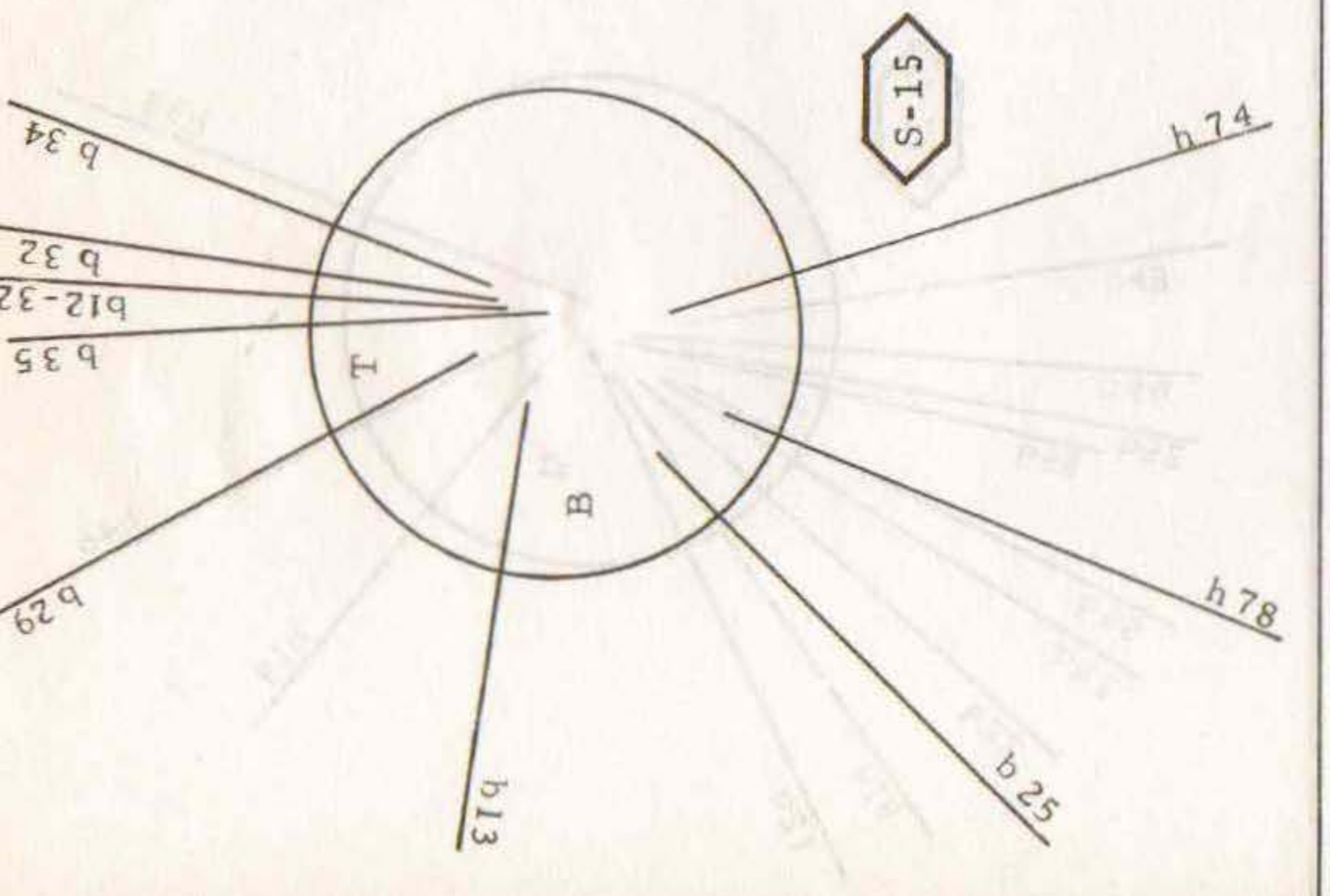

b27.5
b9
b3.5
b1.5
b4
b24.5
h64
B
T
b26
b26.5
b27.5
b24
h66
S-14
b27.5
V-13

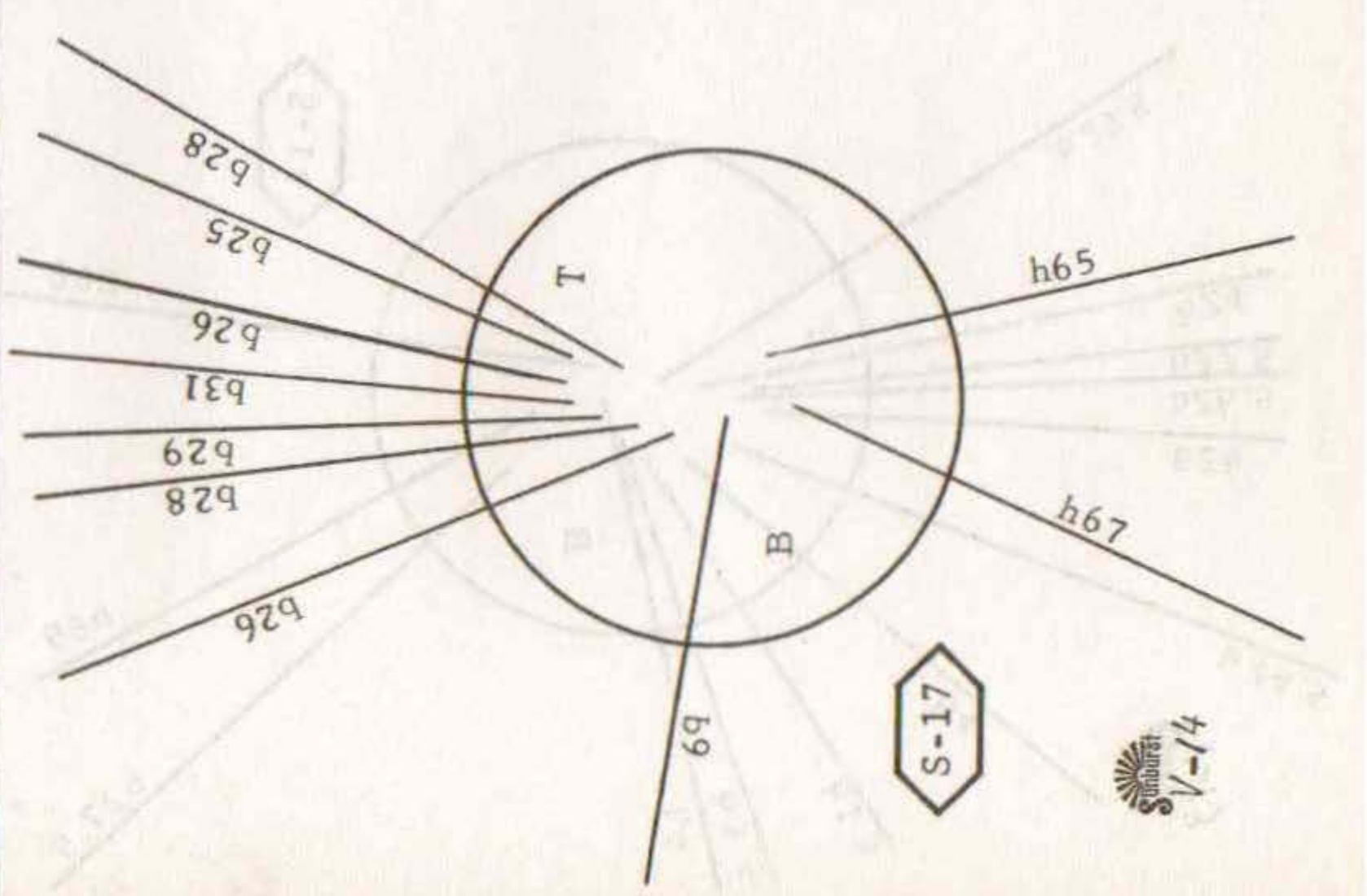

S-210
h41
b4
h38
F
T
b41
b40
b40
b44
b1.48
h38
b6
h45
b19
b43
24b
b18
b16
b21

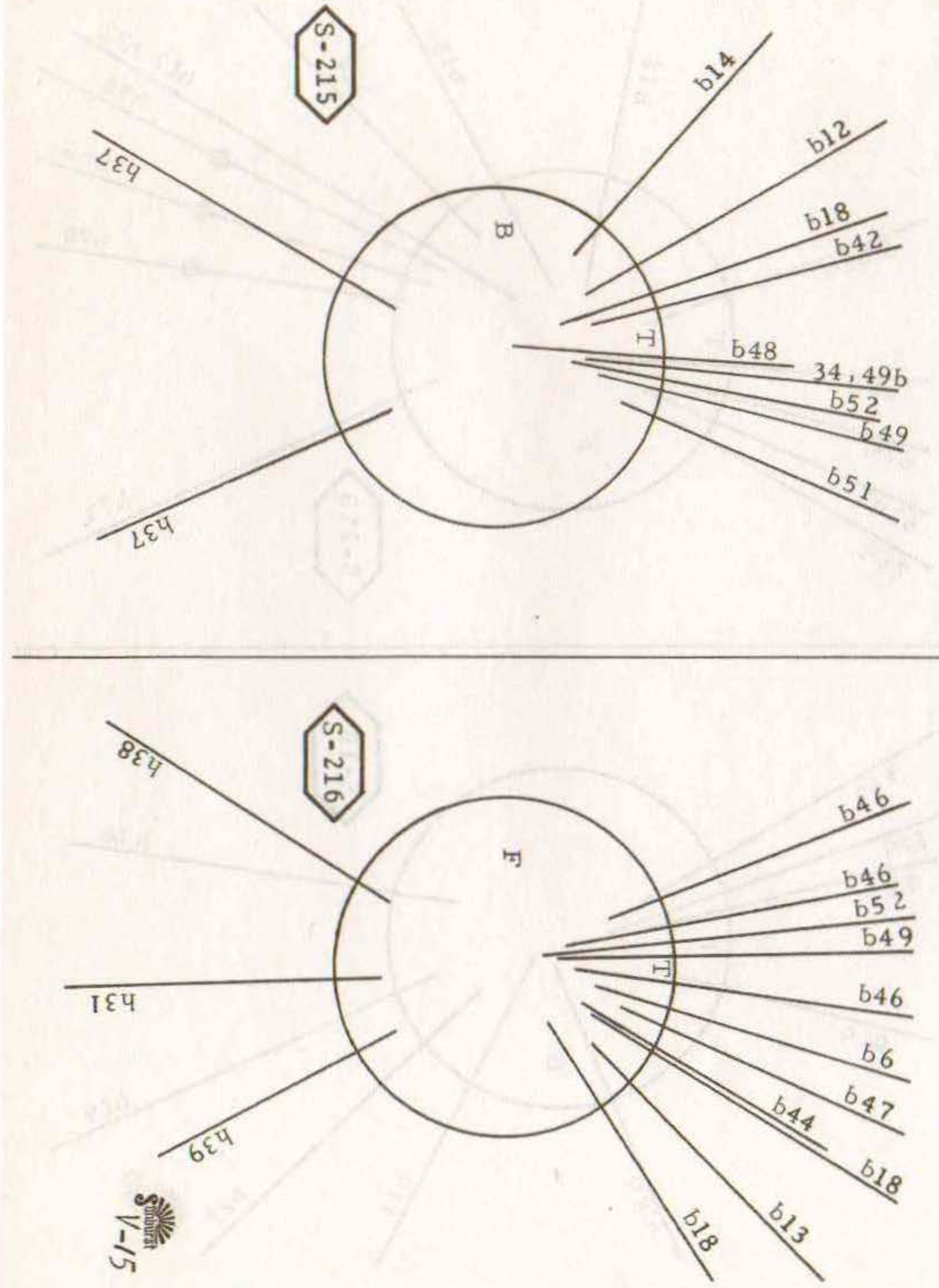

S-13
b30
b27.5
h66
b24
F
T
b30
b27
b7
h65.5
b26
b14
b15
b13.5
b5.5
b11.5
b2.5

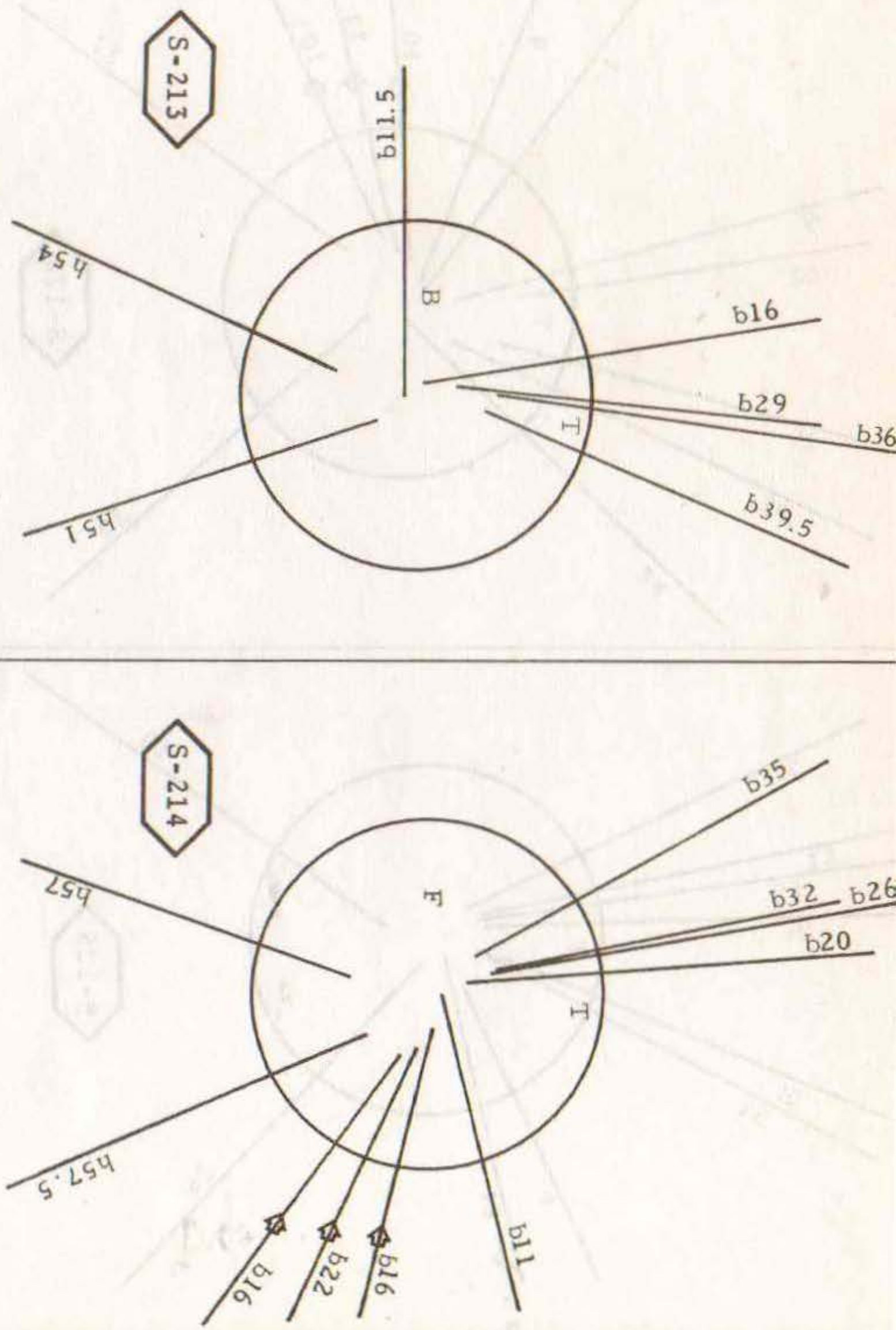

S-16
b8
b9
b12
b9
h80
b26
T
37
F
b25
b27
b30
h81


S-18
b14
b17
b20
b19
h66
b28
T
b32
b26
F
b23
b26
h66


S-15
h74
b34
b32
b12-32
b35
T
B
b29
h78
b13
b25

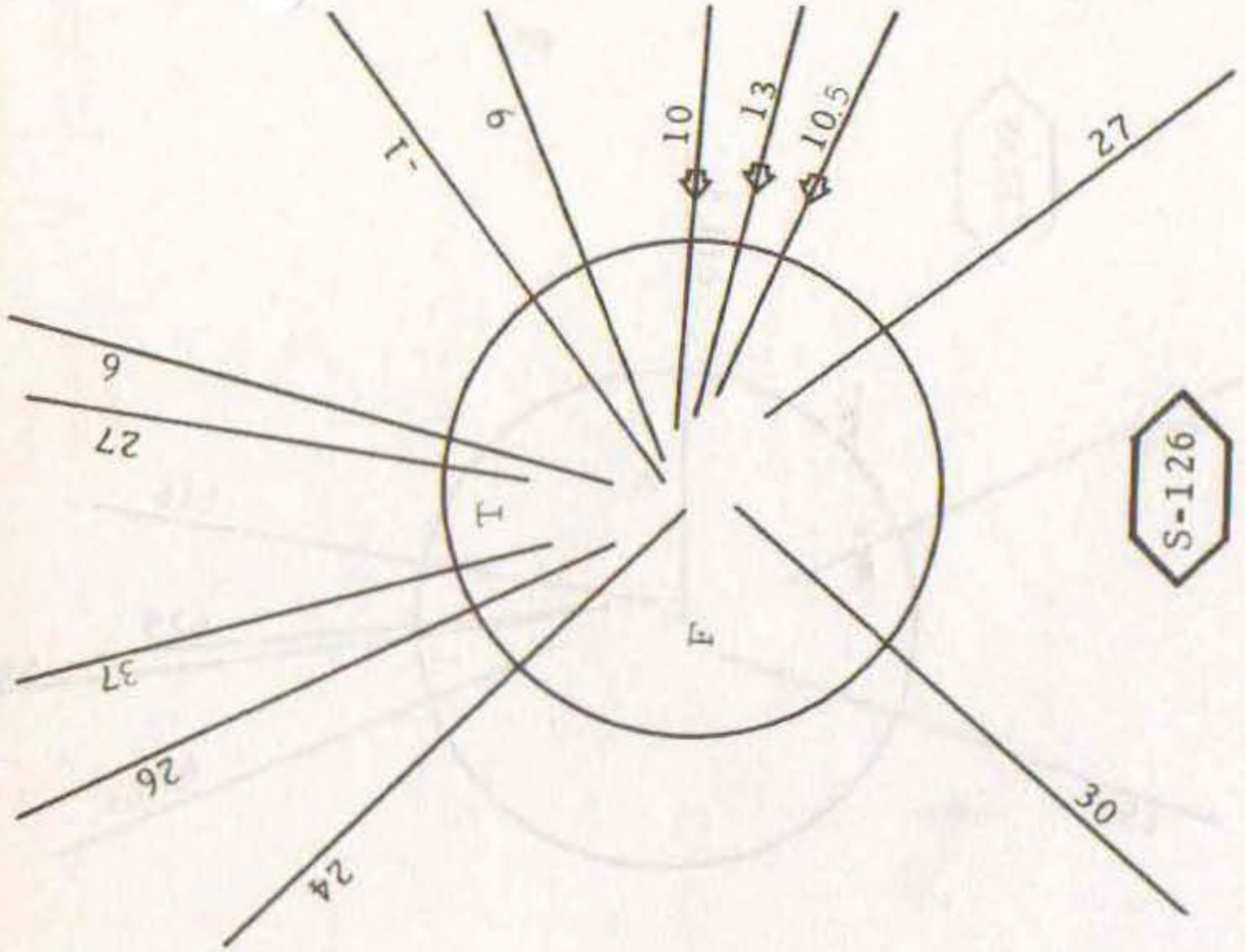

b28
b25
T
h65
b26
b31
b29
b28
h67
B
b26
b9
S-17

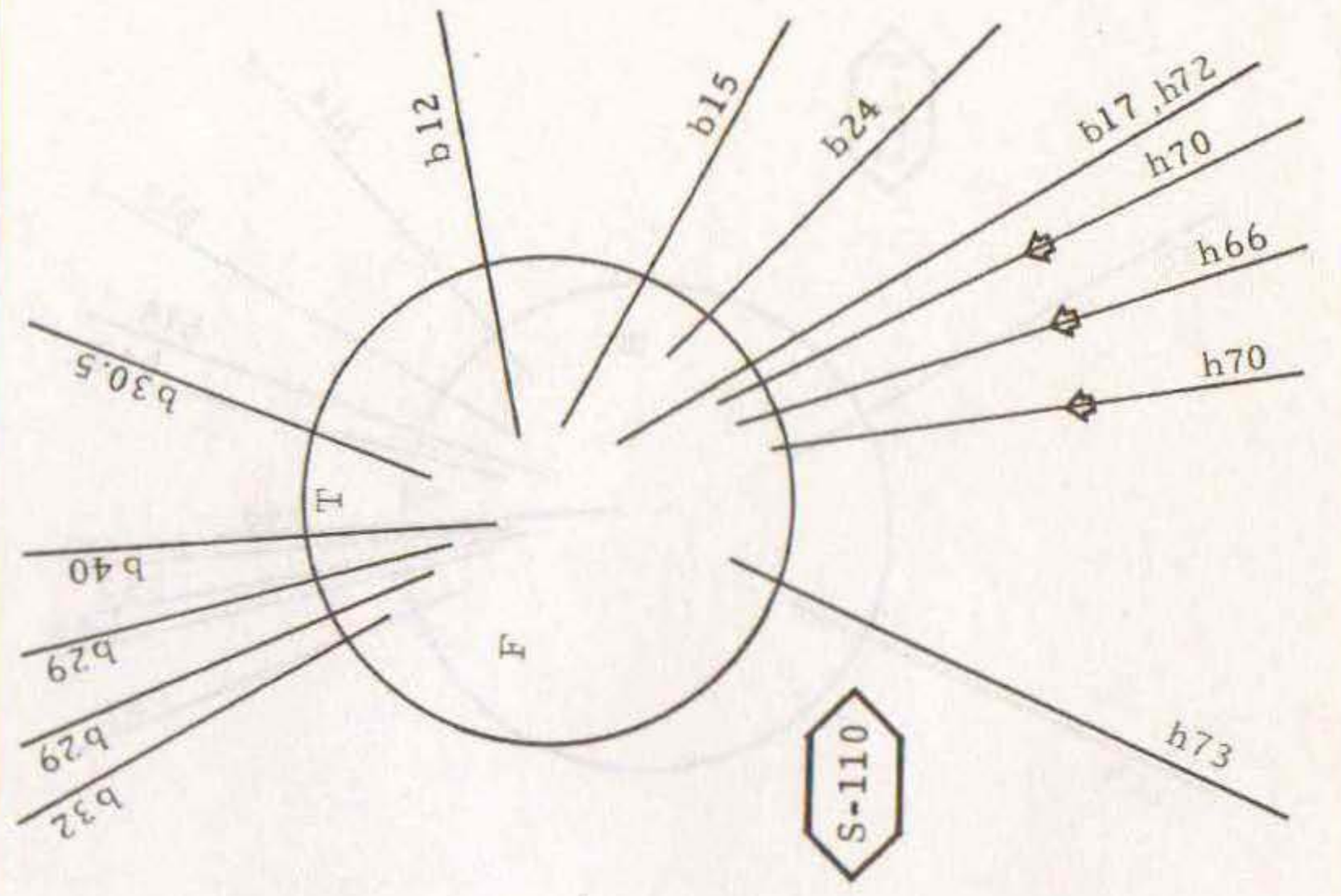

S-215
h37
h37
B
T
b14
b12
b18
b42
b48
34,49b
b52
b49
b51

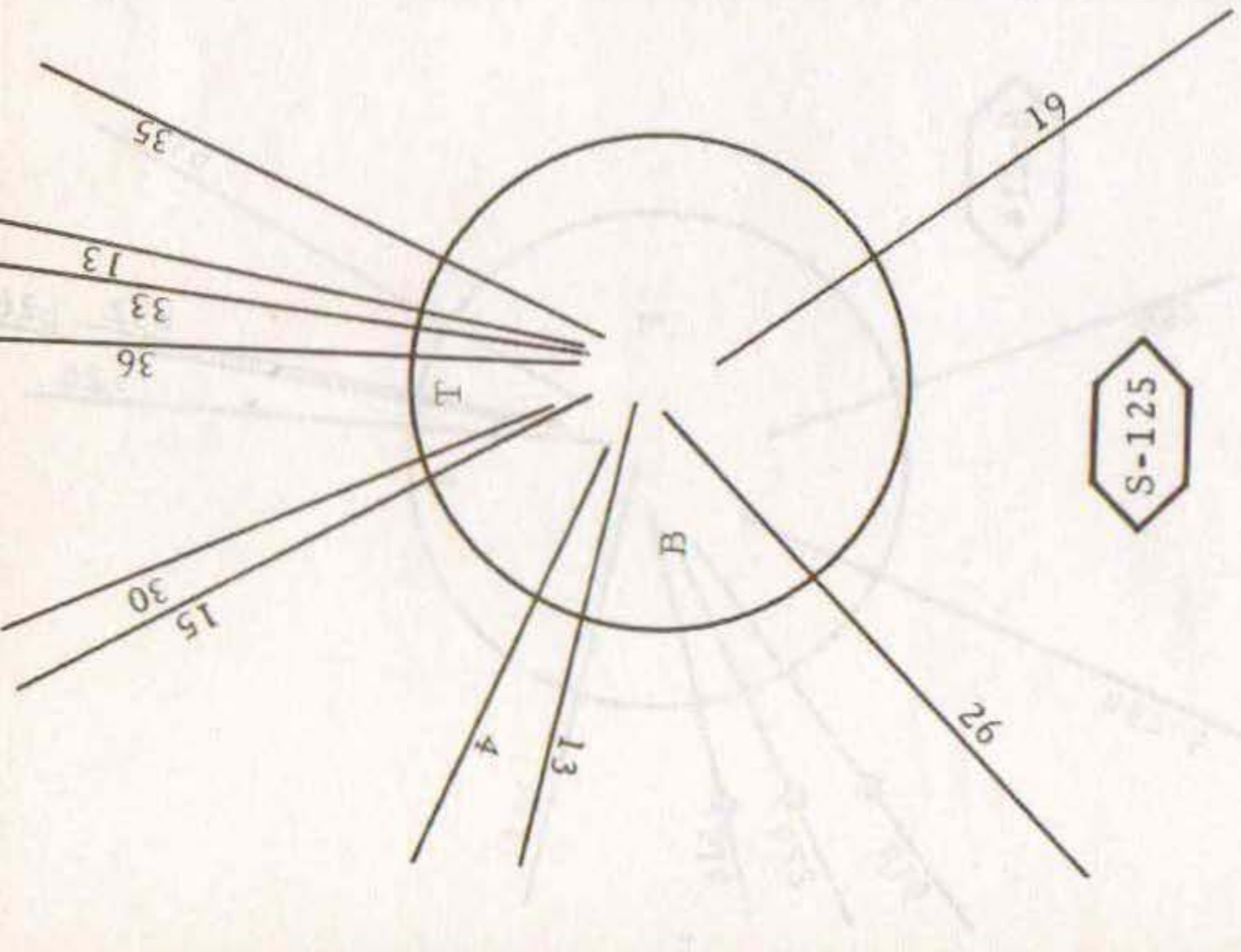

S-213
h54
h51
B
T
b11.5
b16
b29
b36
b39.5

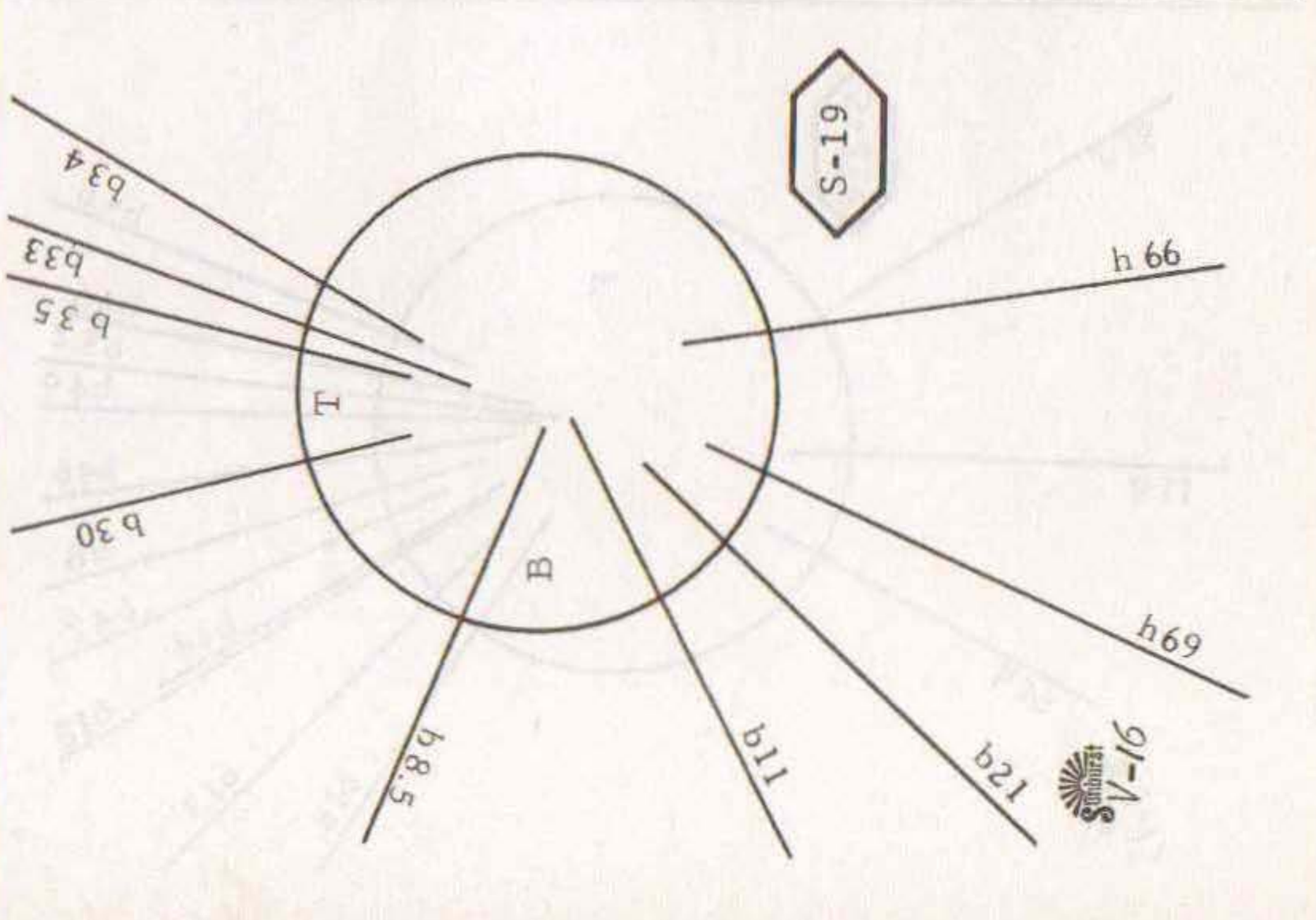

S-216
h38
h31
h39
F
T
b46
b46
b52
b49
b46
b6
b47
b44
b18
b18
b13

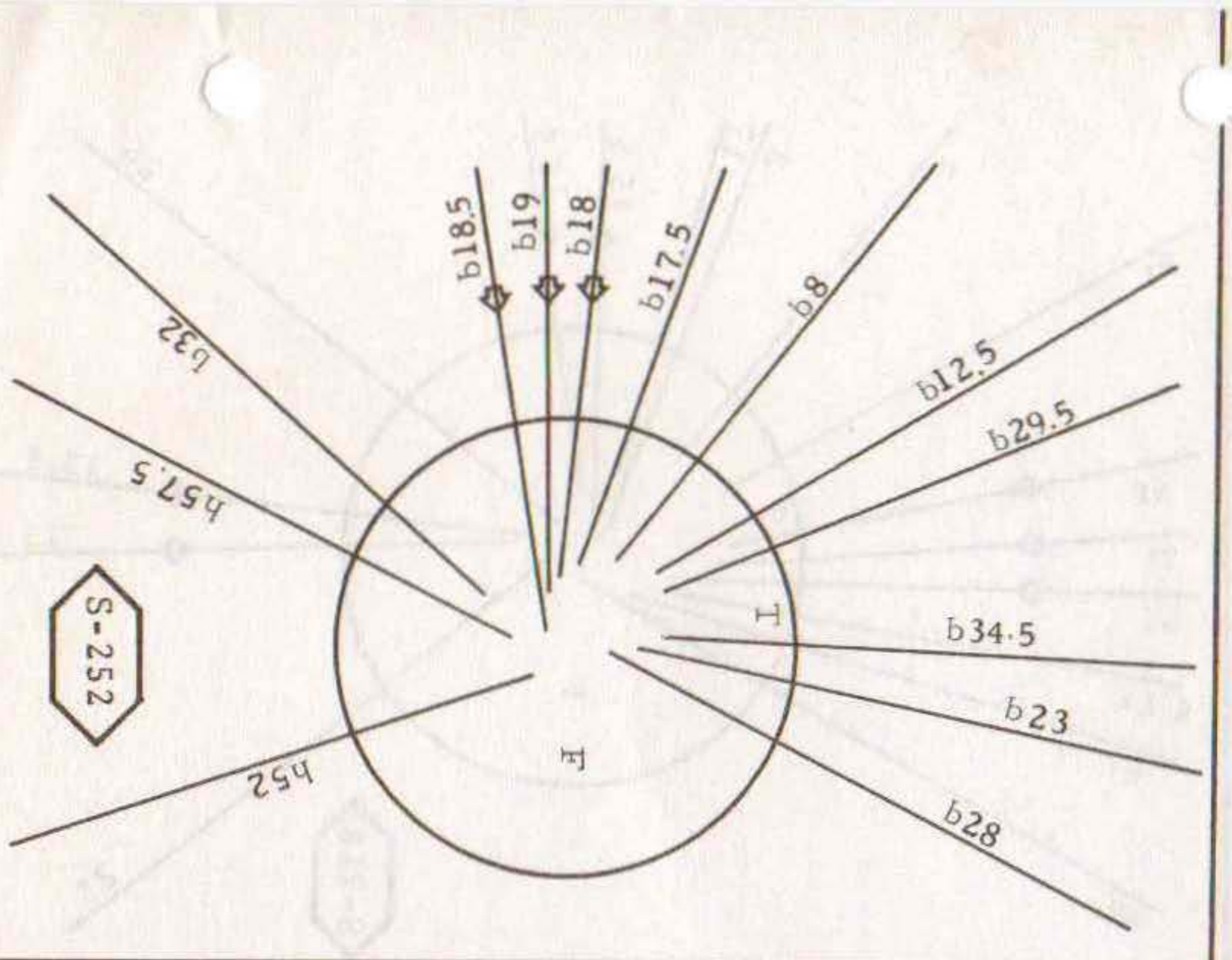

S-214
h57
h57.5
F
T
b35
b32
b26
b20
b16
b22
b16
b11

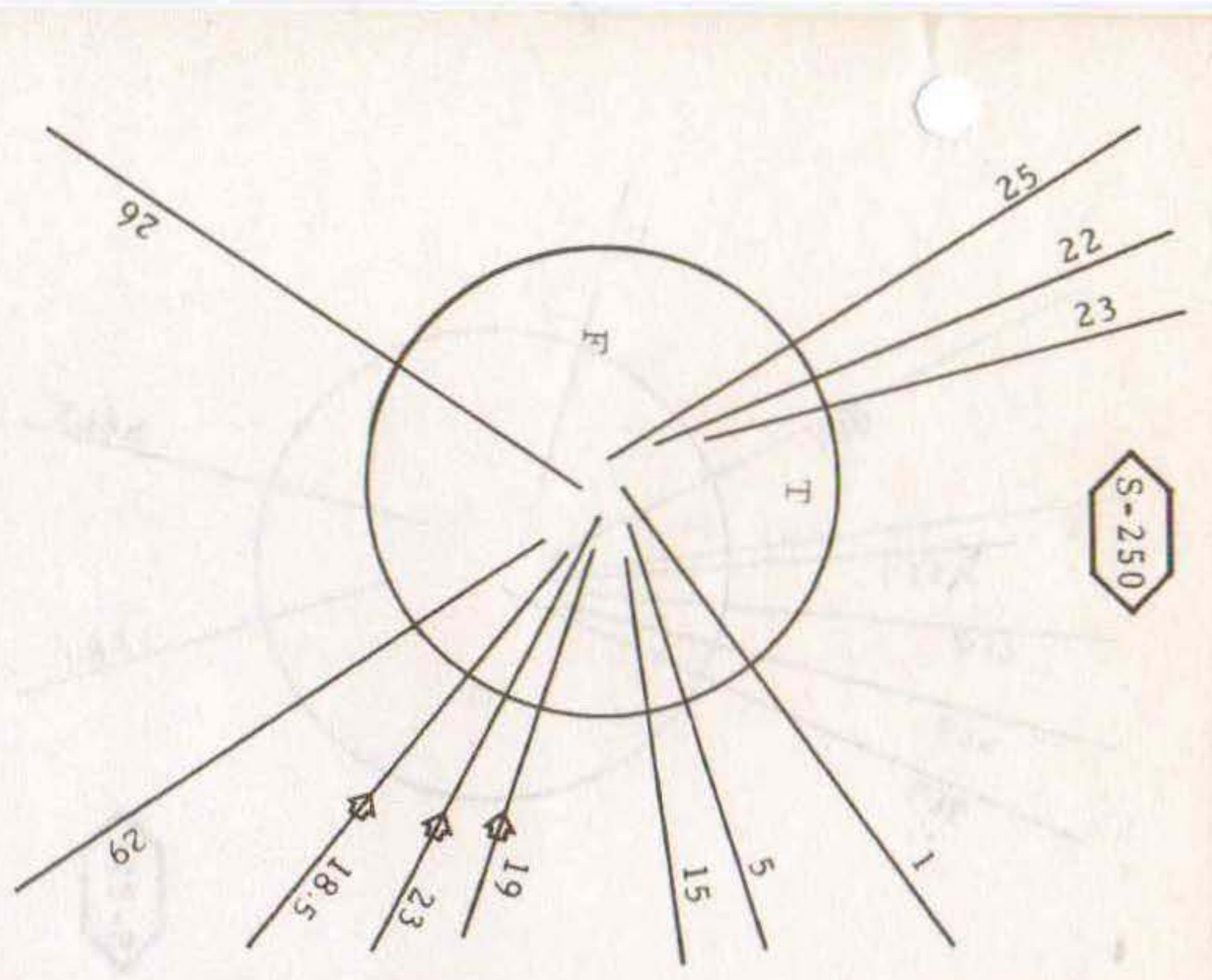

S-126
T
F
1-
9
10
13
10.5
27
6
27
37
26
24
30

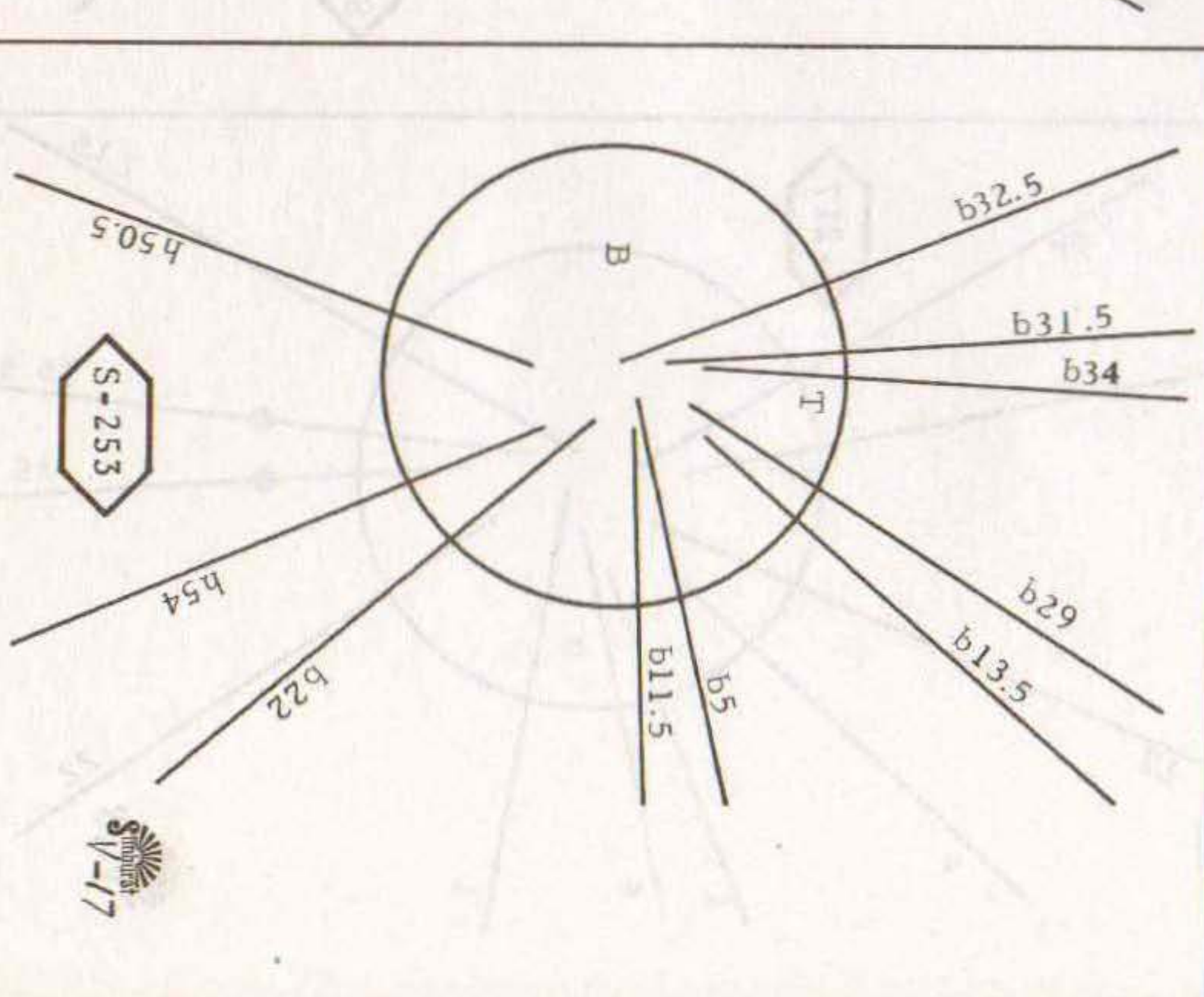

S-110
T
F
b12
b15
b24
b17 ,h72
h70
h66
h70
b30.5
b40
b29
b29
b32
h73

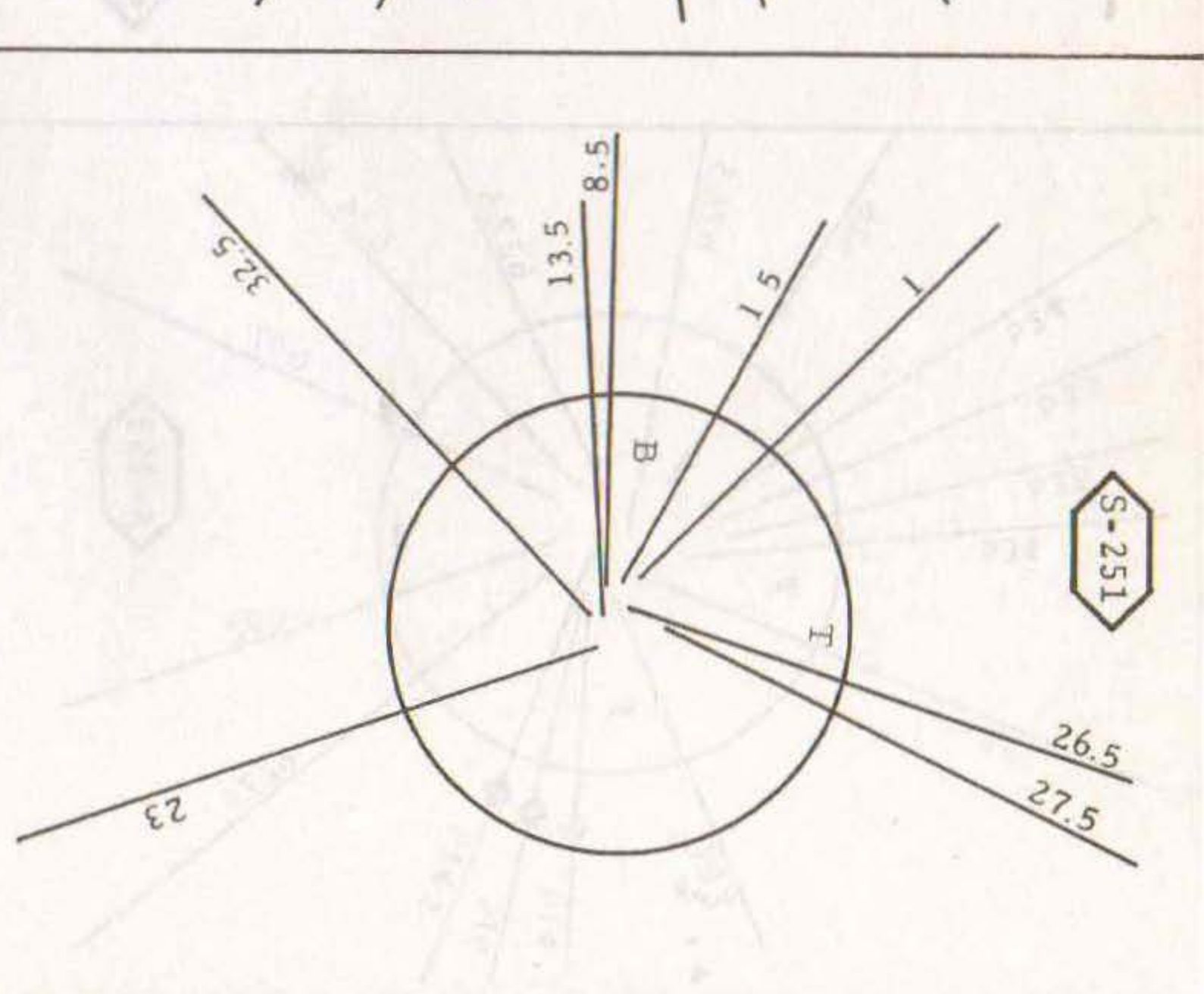

S-125
T
B
35
13
33
36
15
30
4
13
26
61

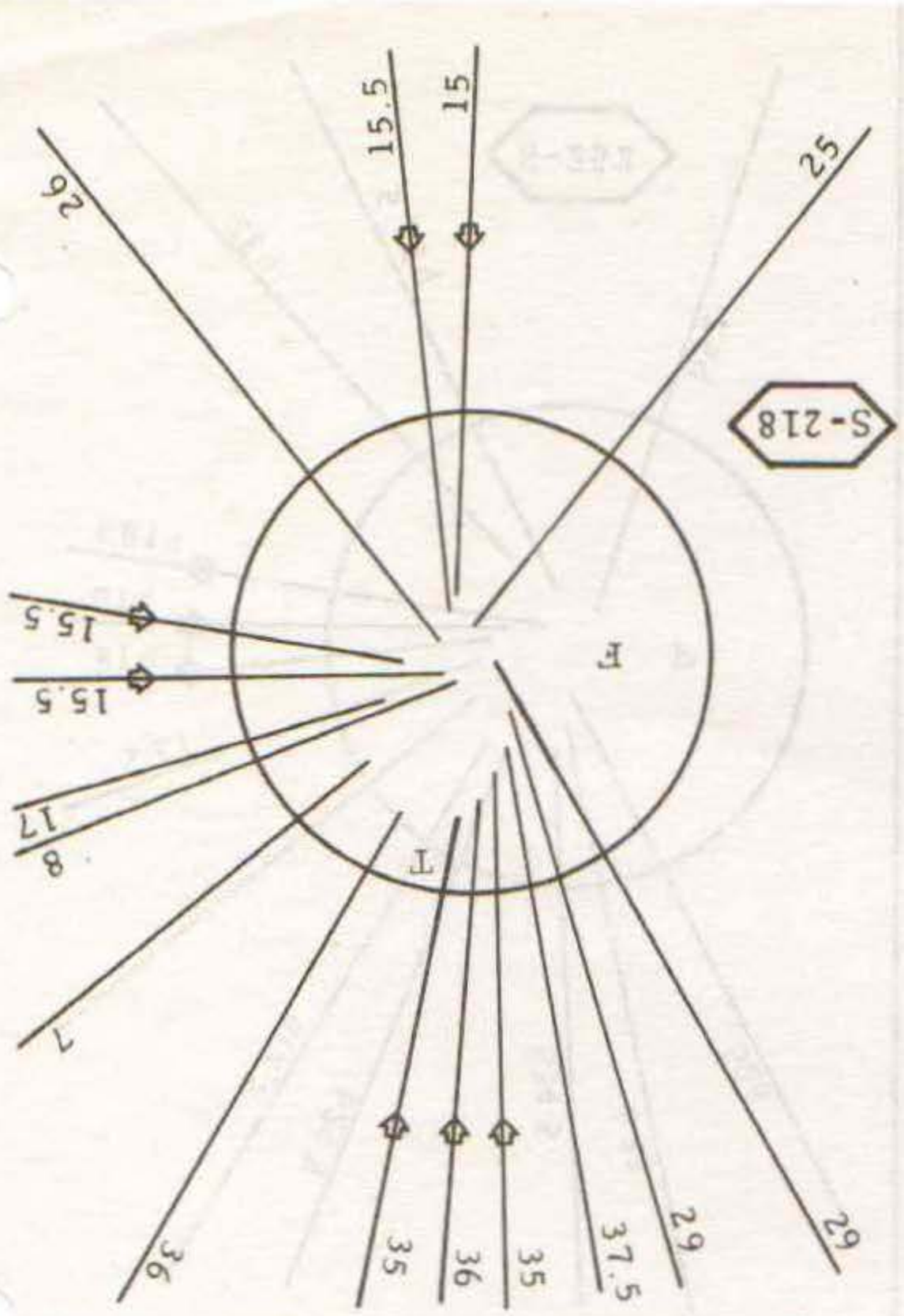

S-19
T
B
b34
b33
b35
b30
h99
h69
b8.5
b11
b24

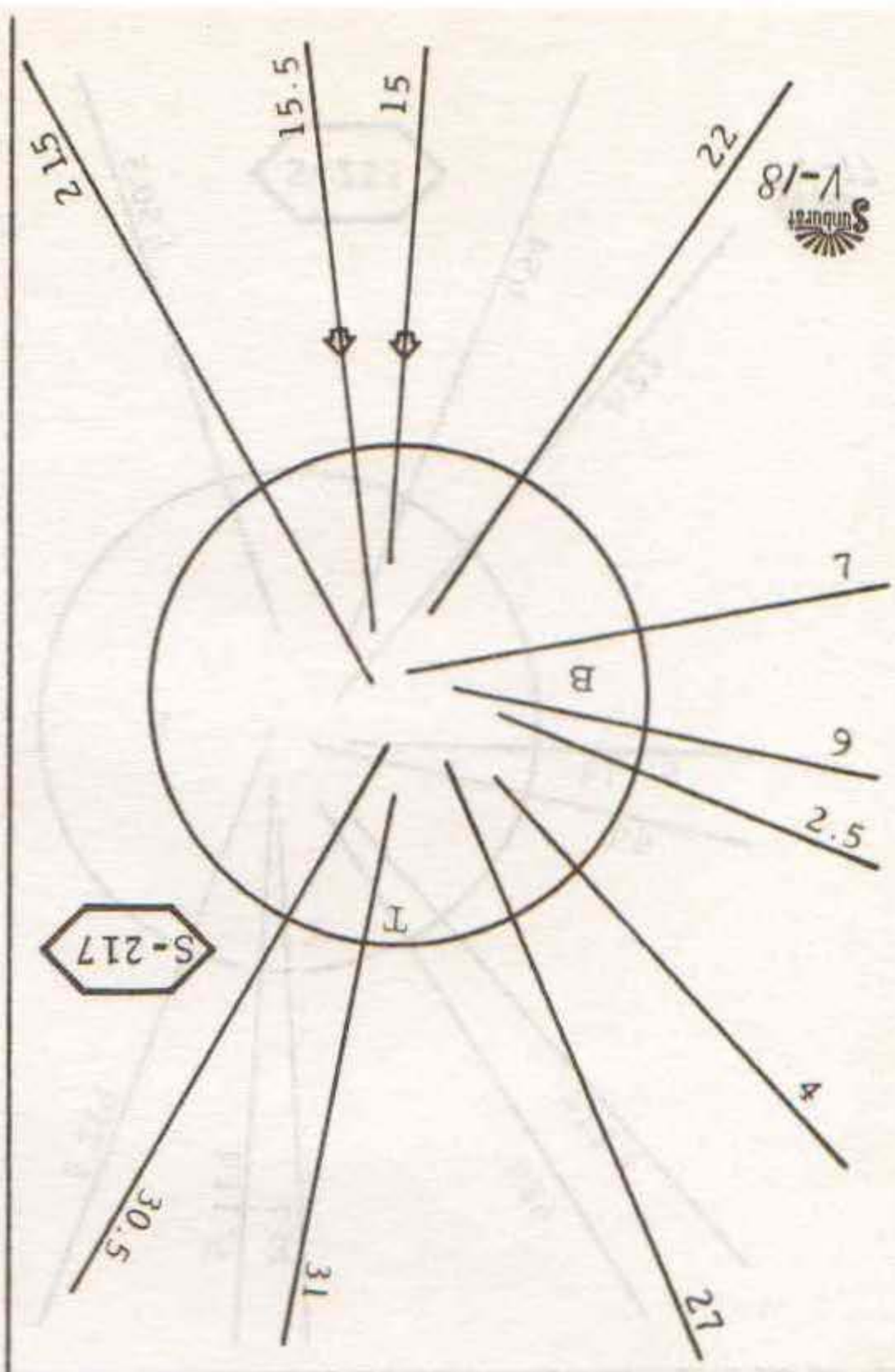

S-252
h57.5
h52
b32
b18.5
b19
b18
b17.5
b8
b12.5
b29.5
b34.5
b23
b28
T
F

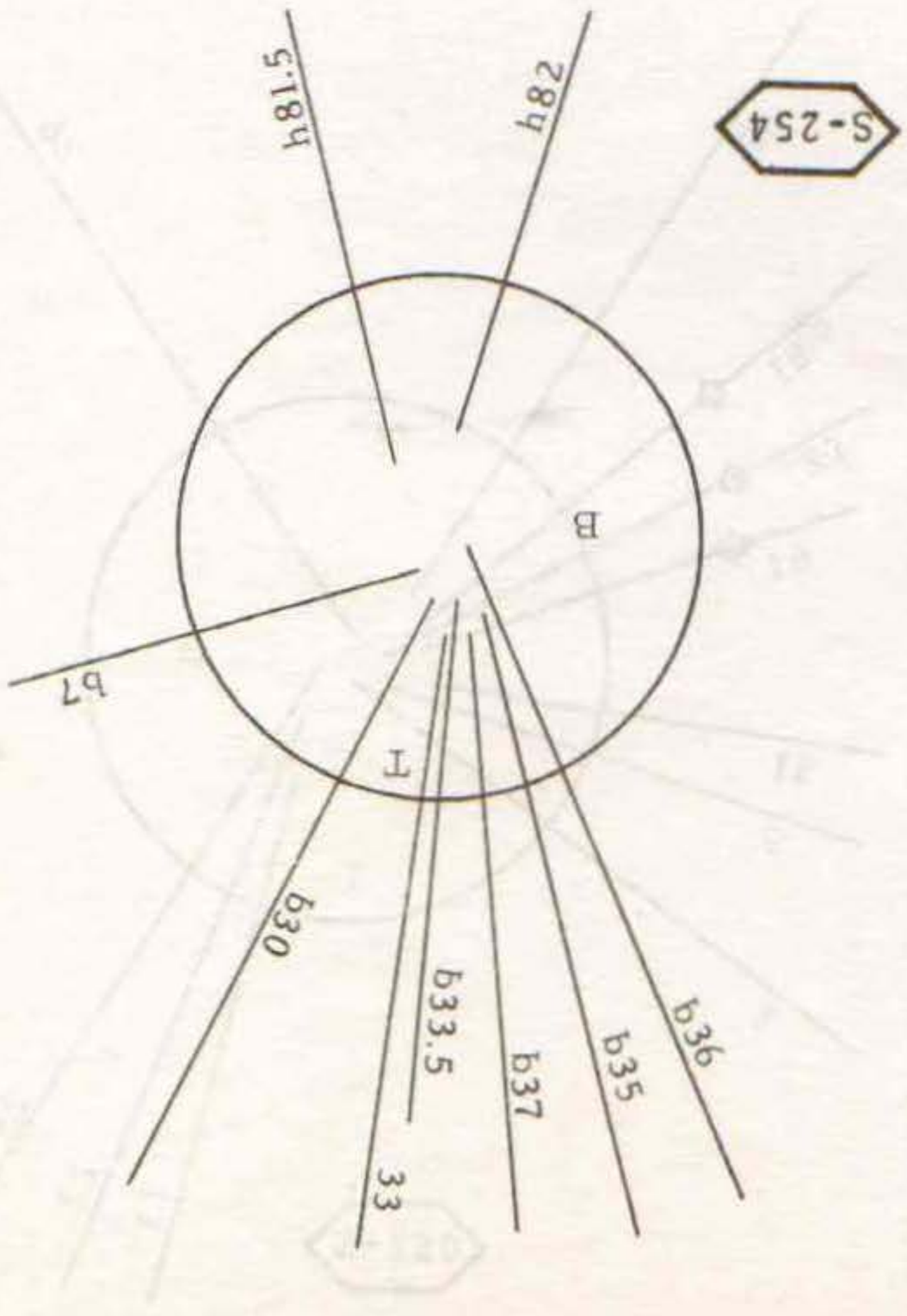

S-250
26
25
22
23
29
18.5
23
19
15
5
1
T
F

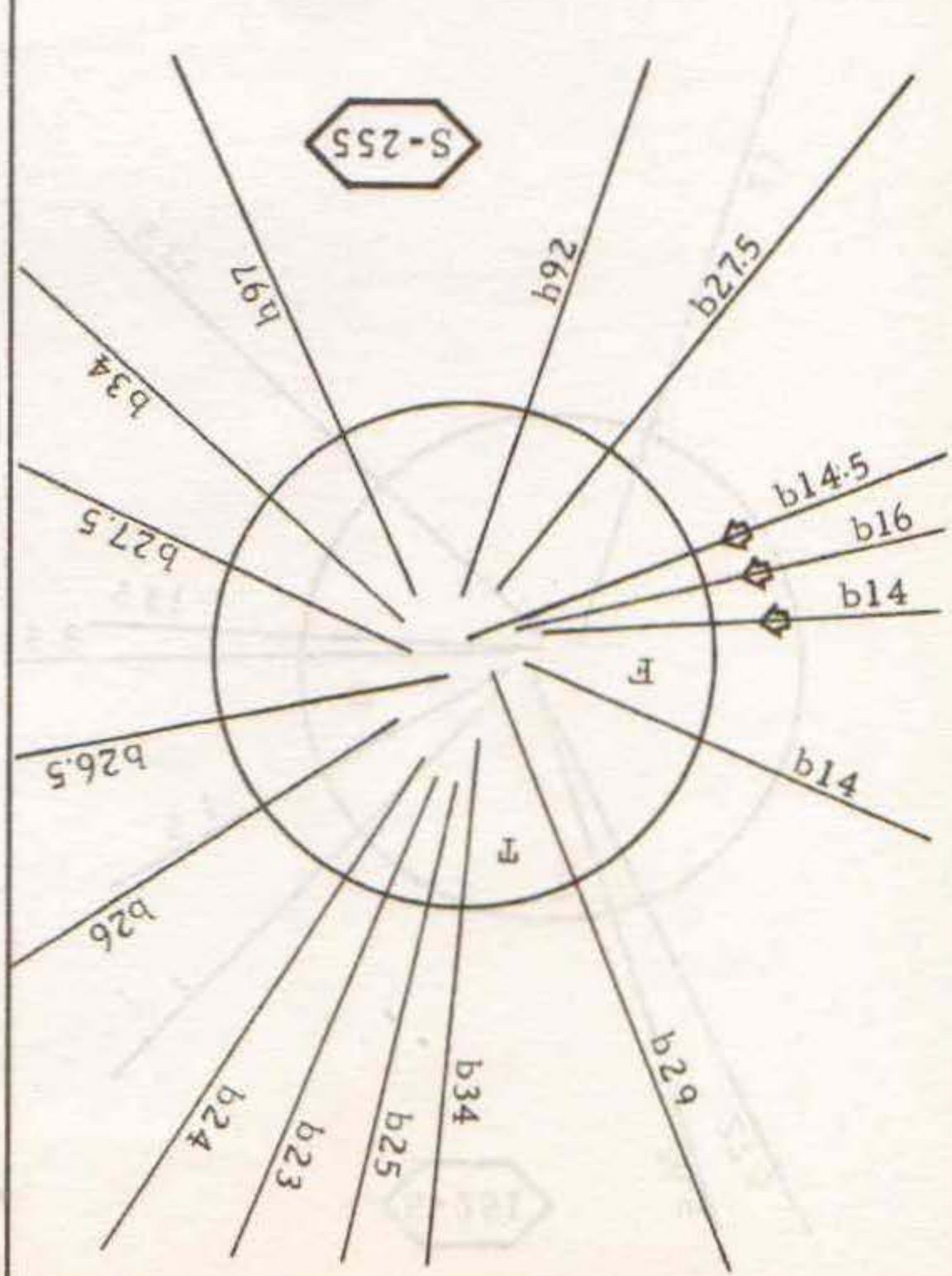

S-253
h50.5
h54
b22
b11.5
b5
b29
b13.5
b32.5
b31.5
b34
T
B

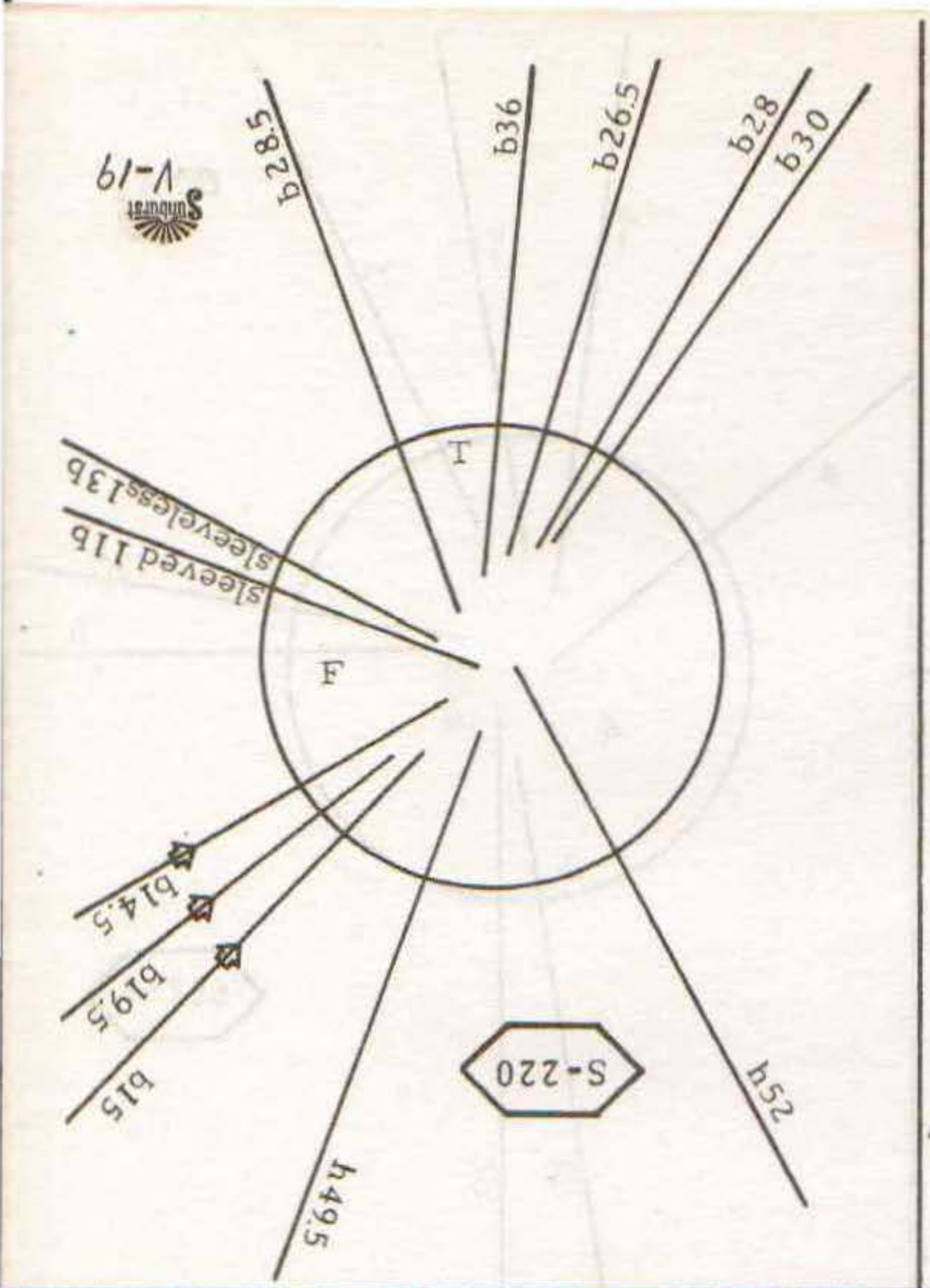

S-251
32.5
13.5
8.5
1.5
1
23
26.5
27.5
T
B

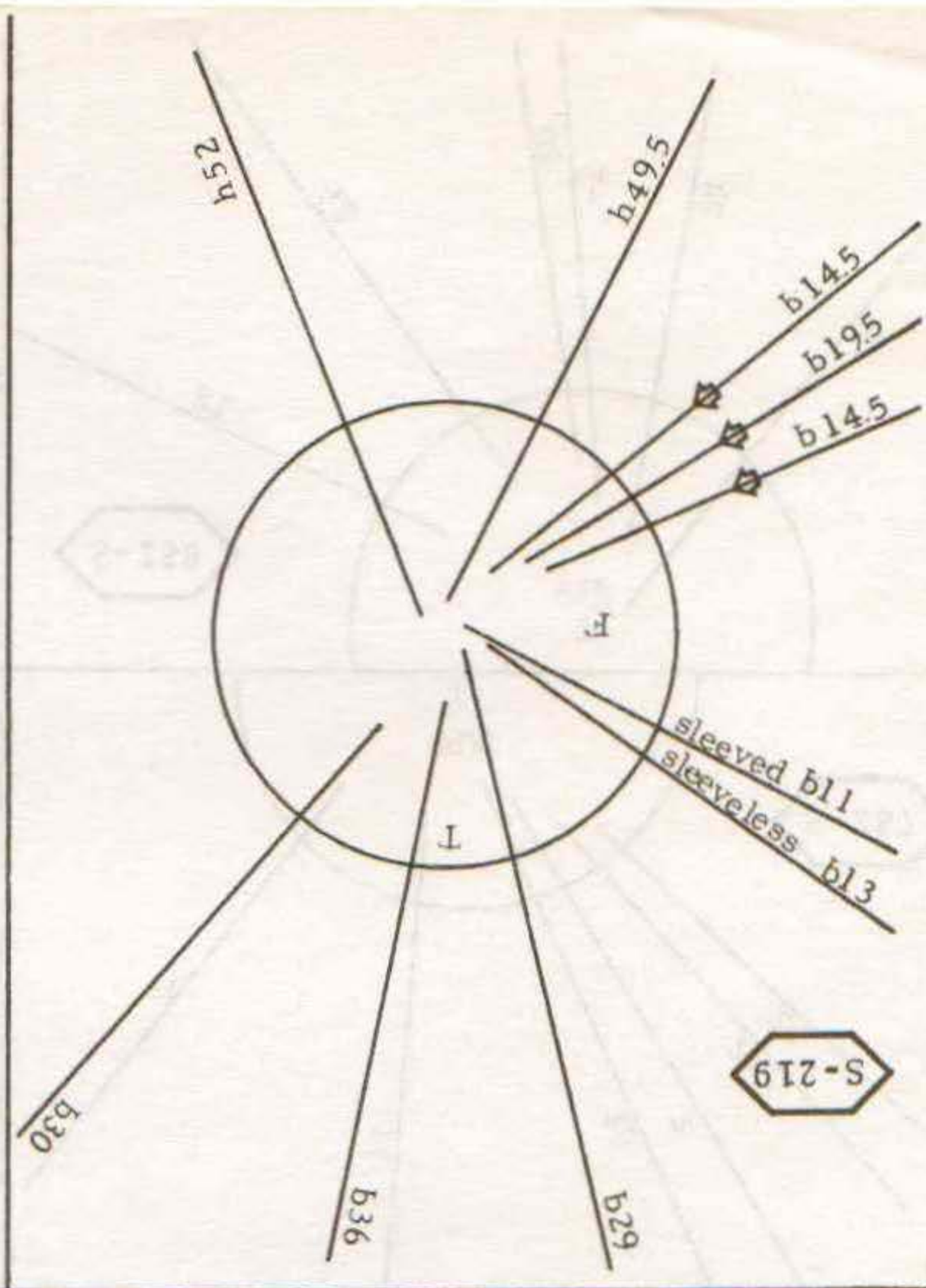

S-218
26
15.5
15
25
15.5
15.5
8
17
7
36
35
36
35
37.5
29
29
F
T

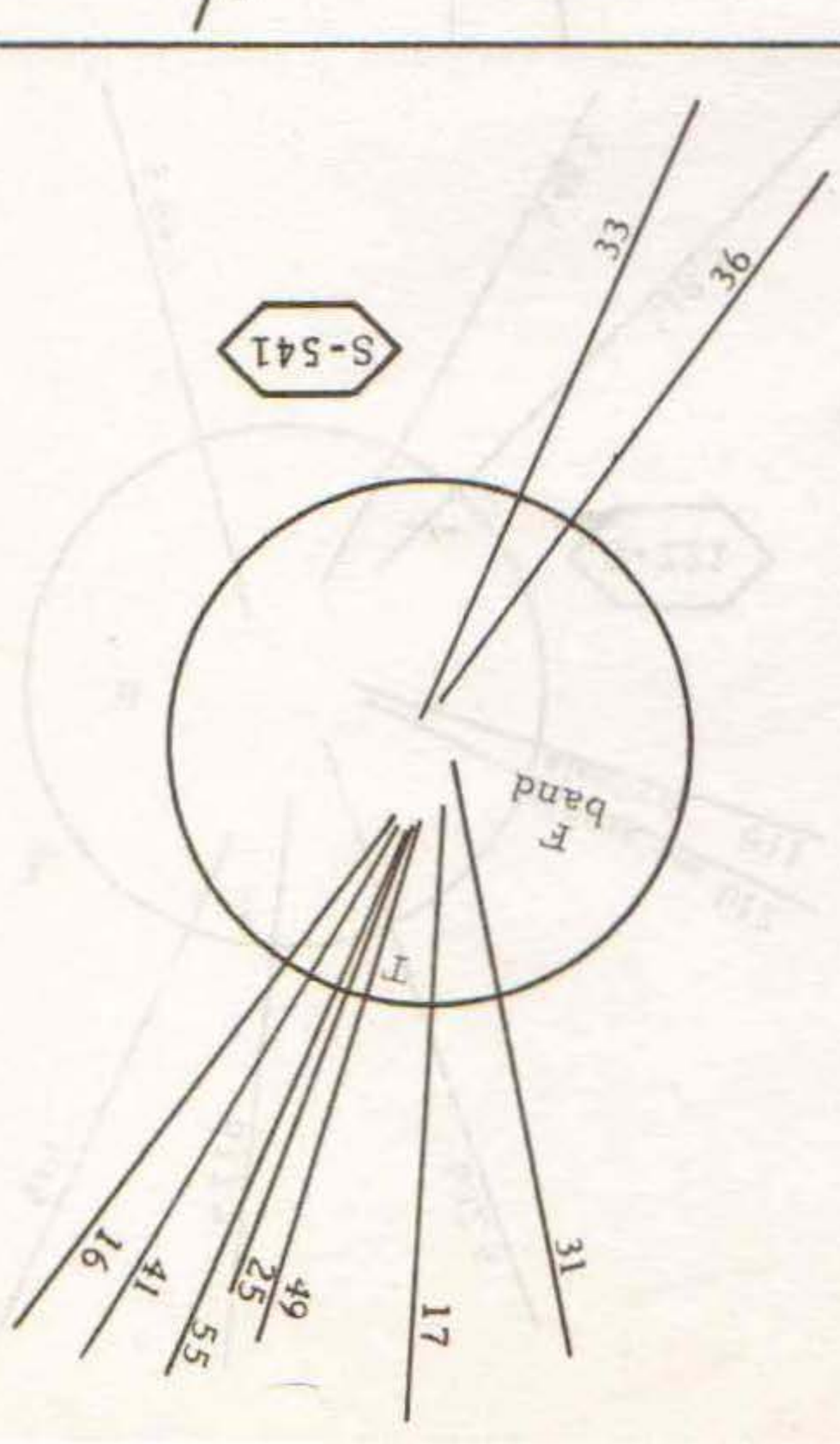

S-217
21.5
15.5
15
22
7
9
2.5
4
27
31
30.5
B
T

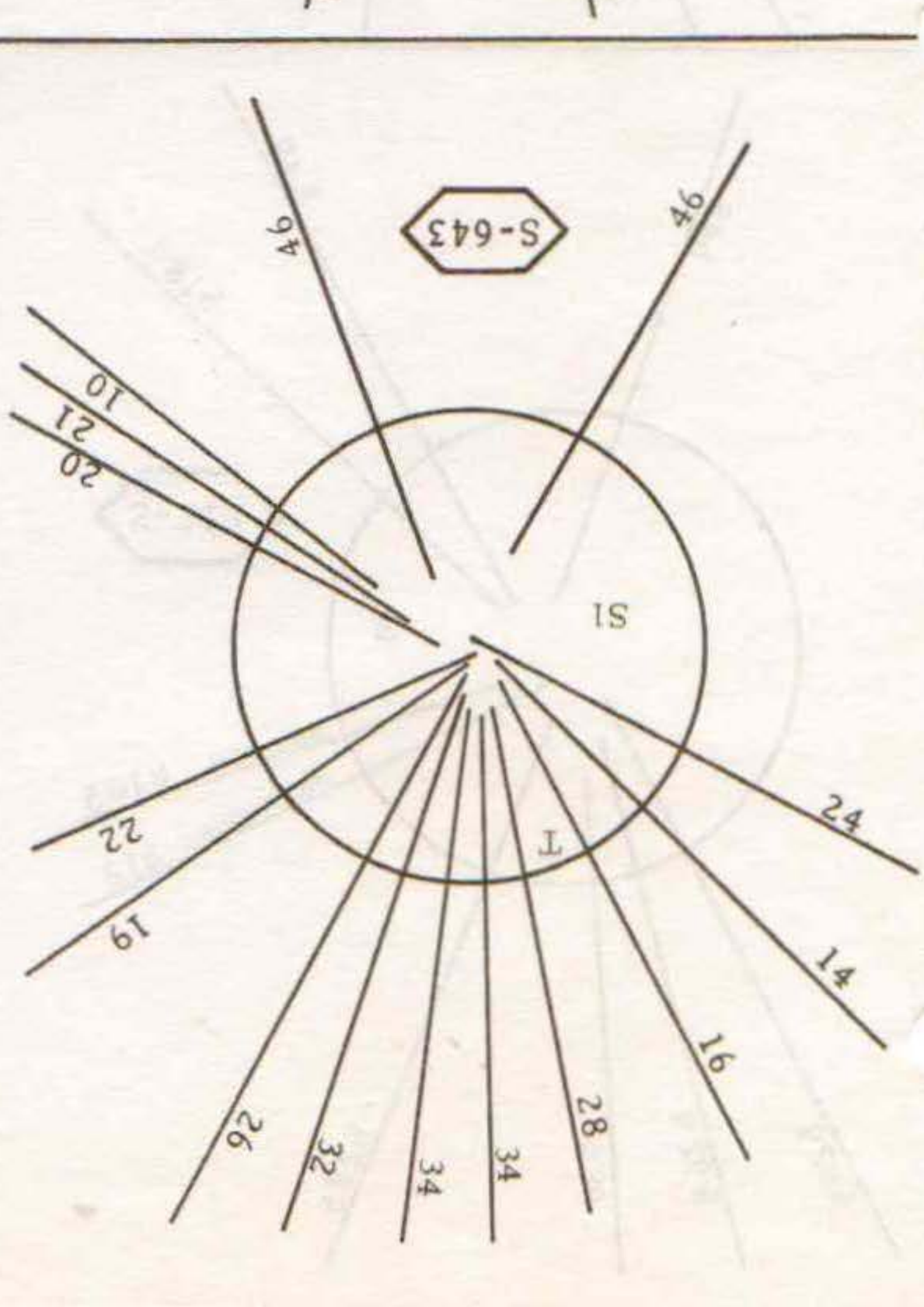

S-254
h81.5
h82
b7
b30
33
b33.5
b37
b35
b36
B
T


S-255
b34
b97
b92
b27.5
b14.5
b16
b14
b27.5
b26.5
b14
b26
b24
b23
b25
b34
b29
F
T


b28.5
b36
b26.5
b28
b30
T
sleeved 11b
sleeveless 13b
F
b14.5
b19.5
b15
S-220
h52
h49.5


h52
b49.5
b14.5
b19.5
b14.5
F
sleeved b11
sleeveless b13
T
S-219
b30
b36
b29


S-541
33
36
F band
I
16
41
55
25
49
17
31


S-643
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S1
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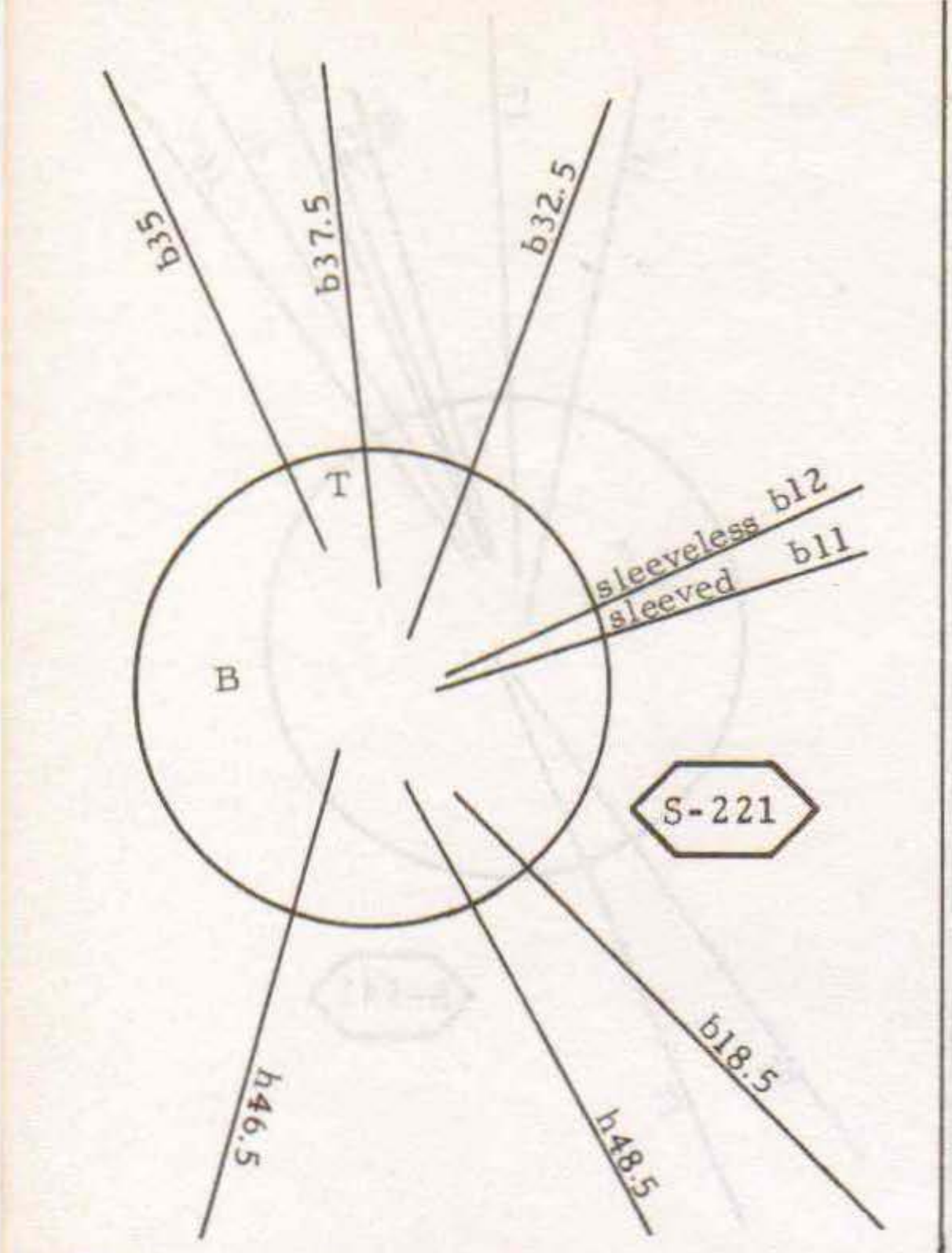
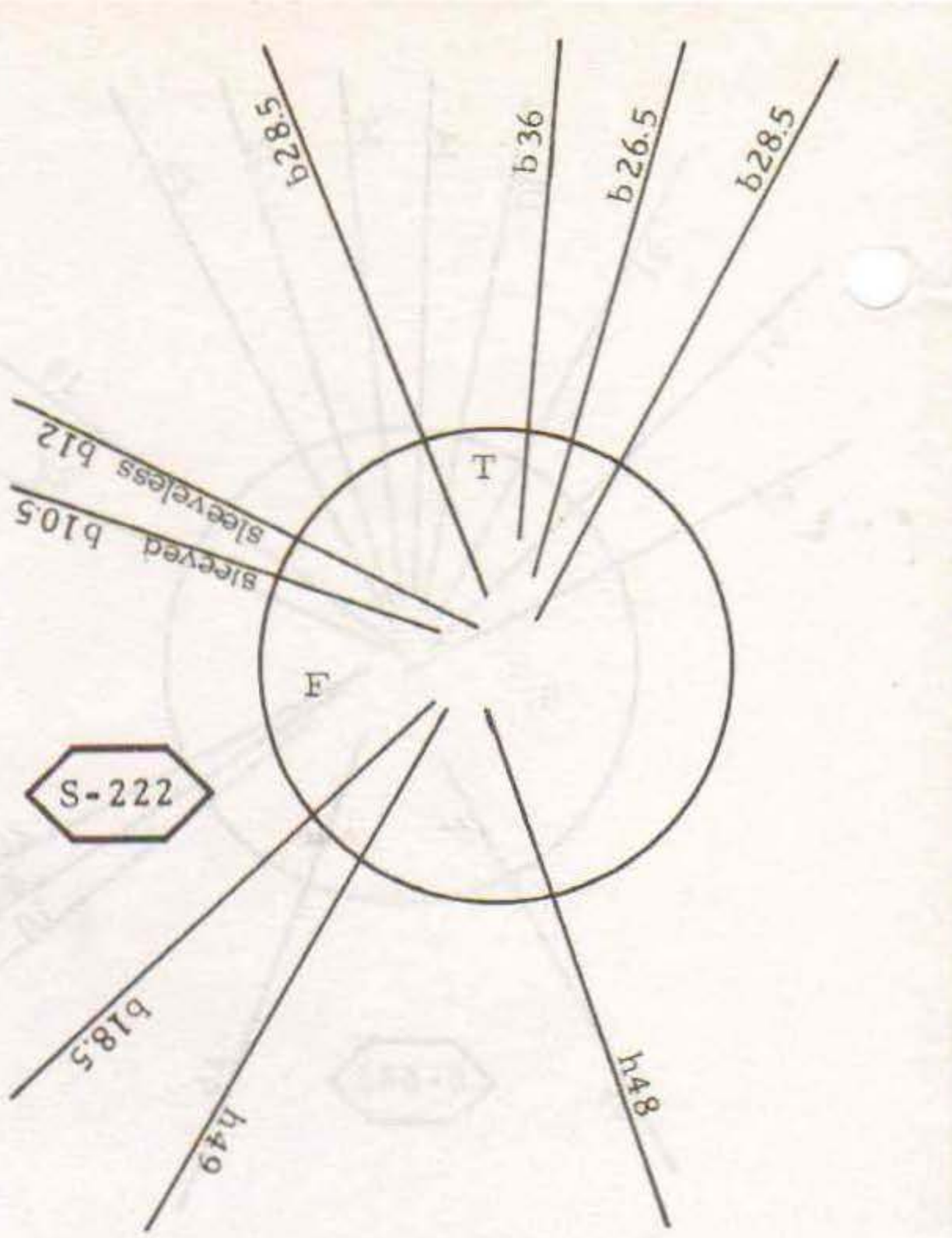
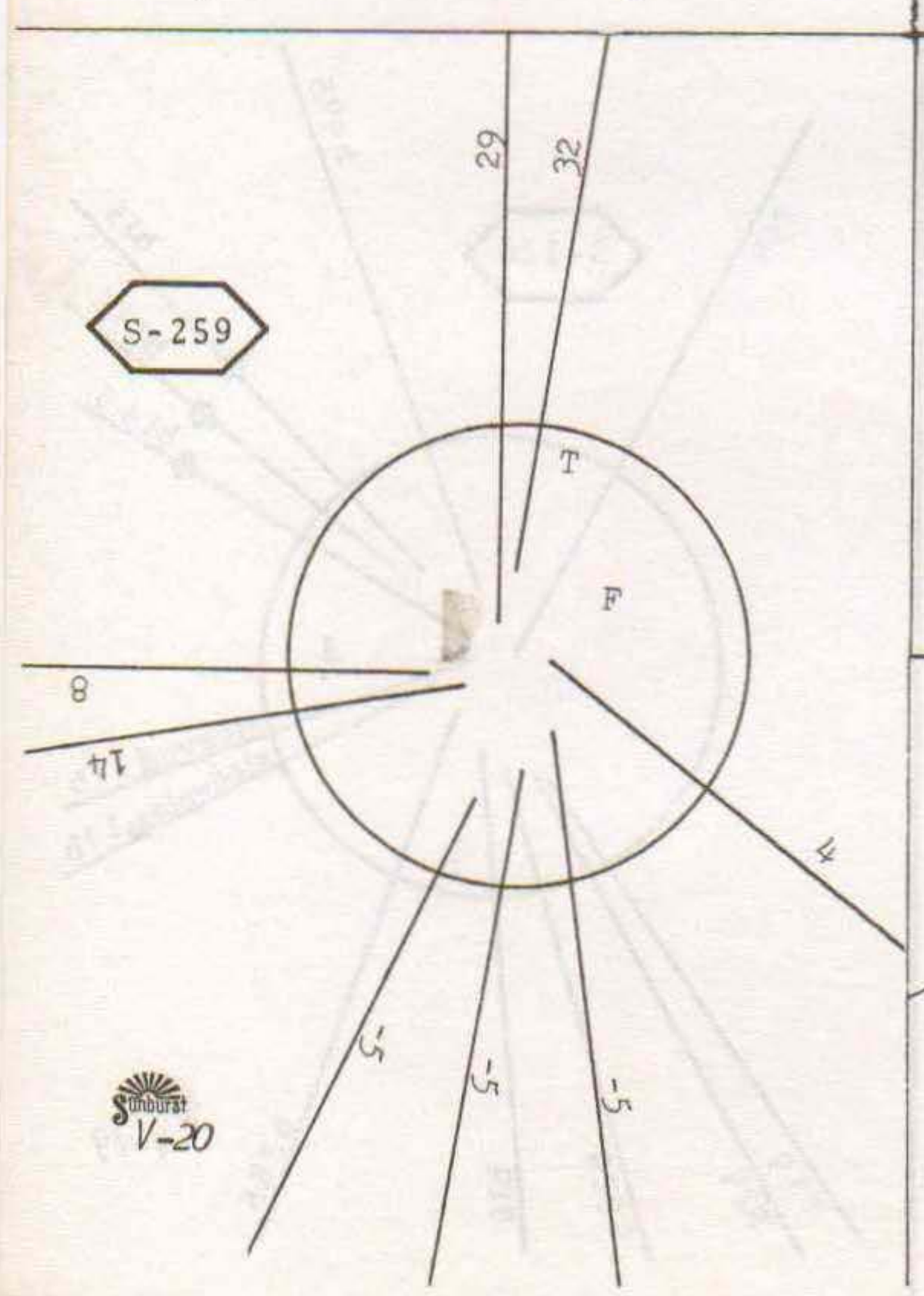
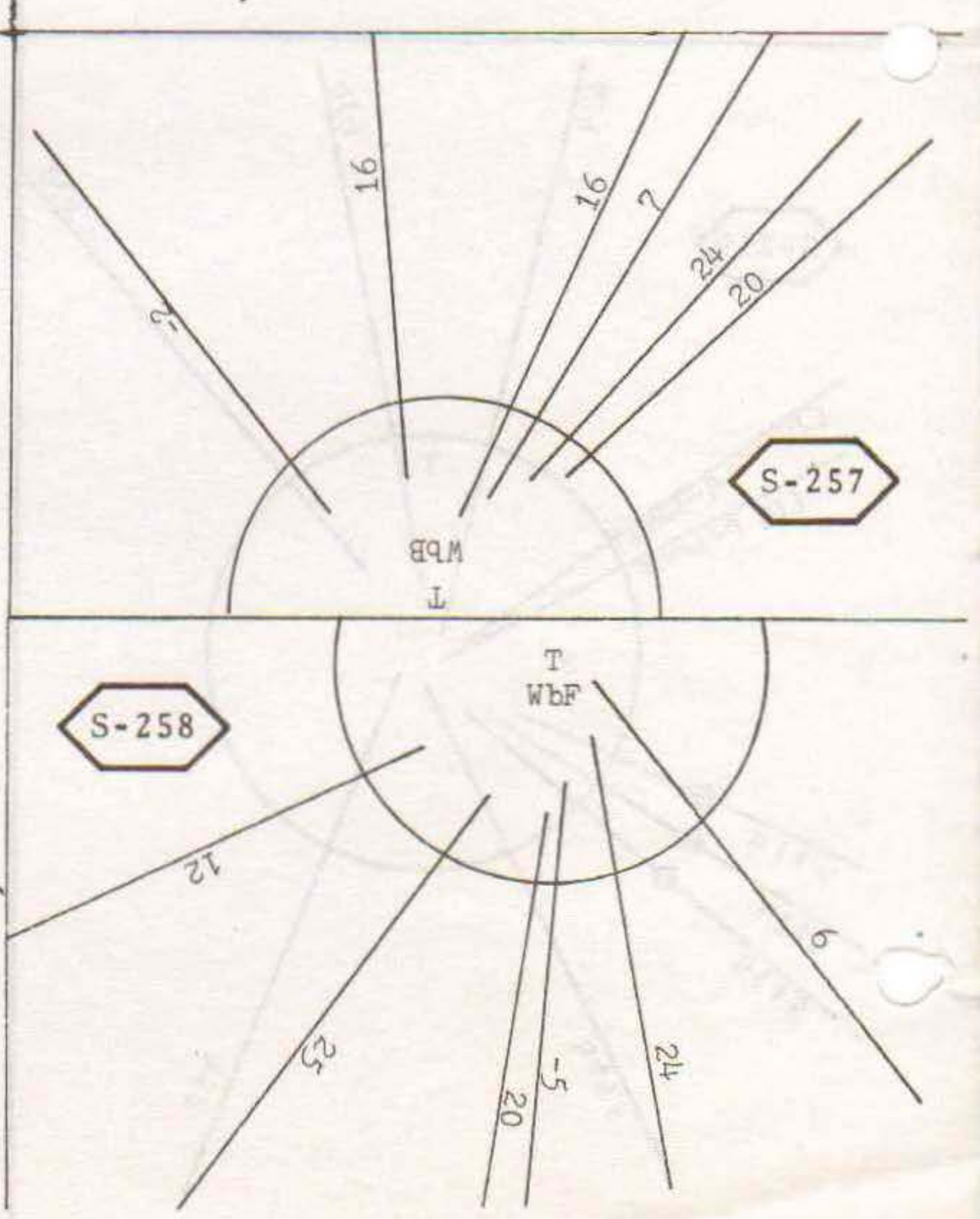
28

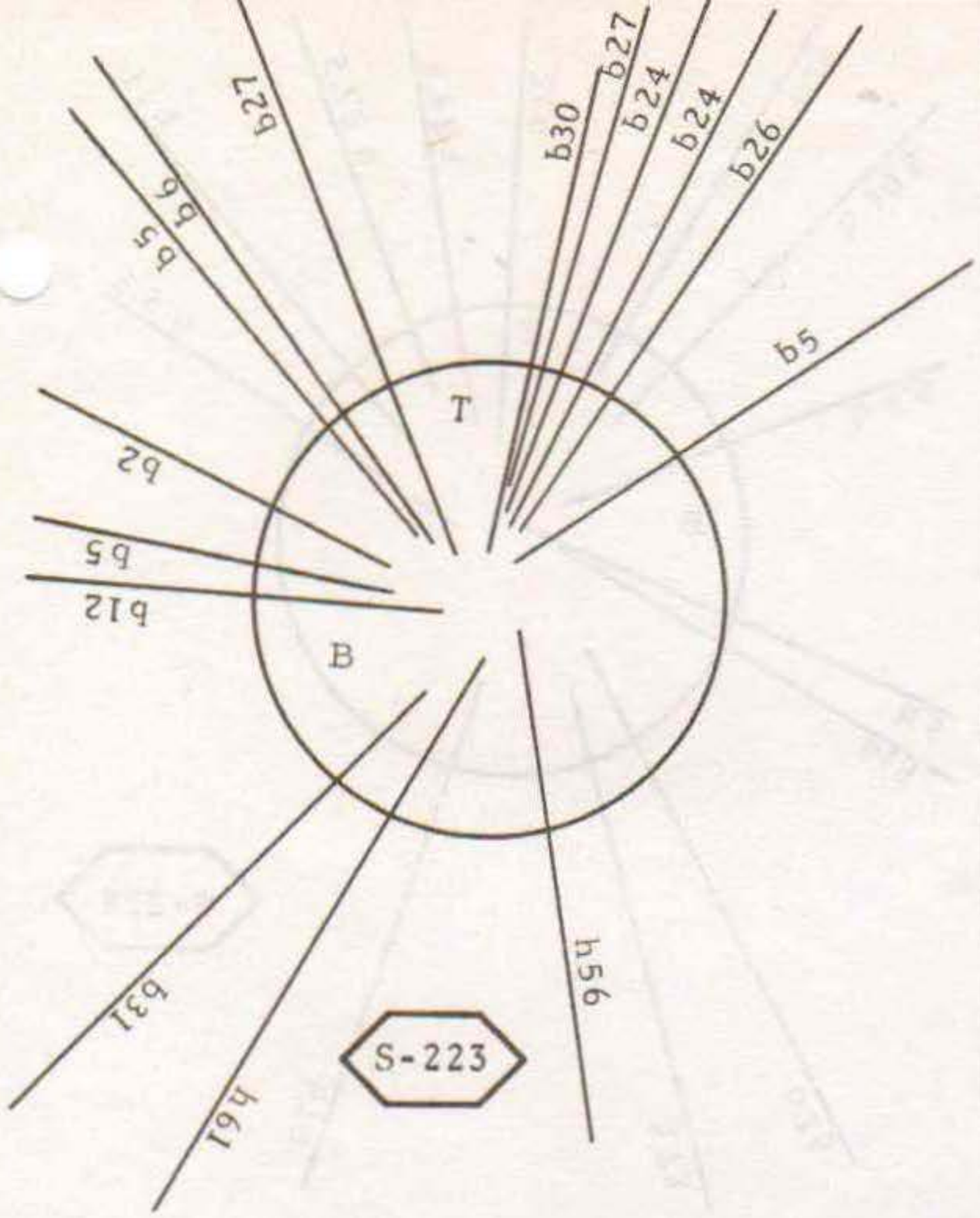



Stihburst
V-20


T
B
b27
b5
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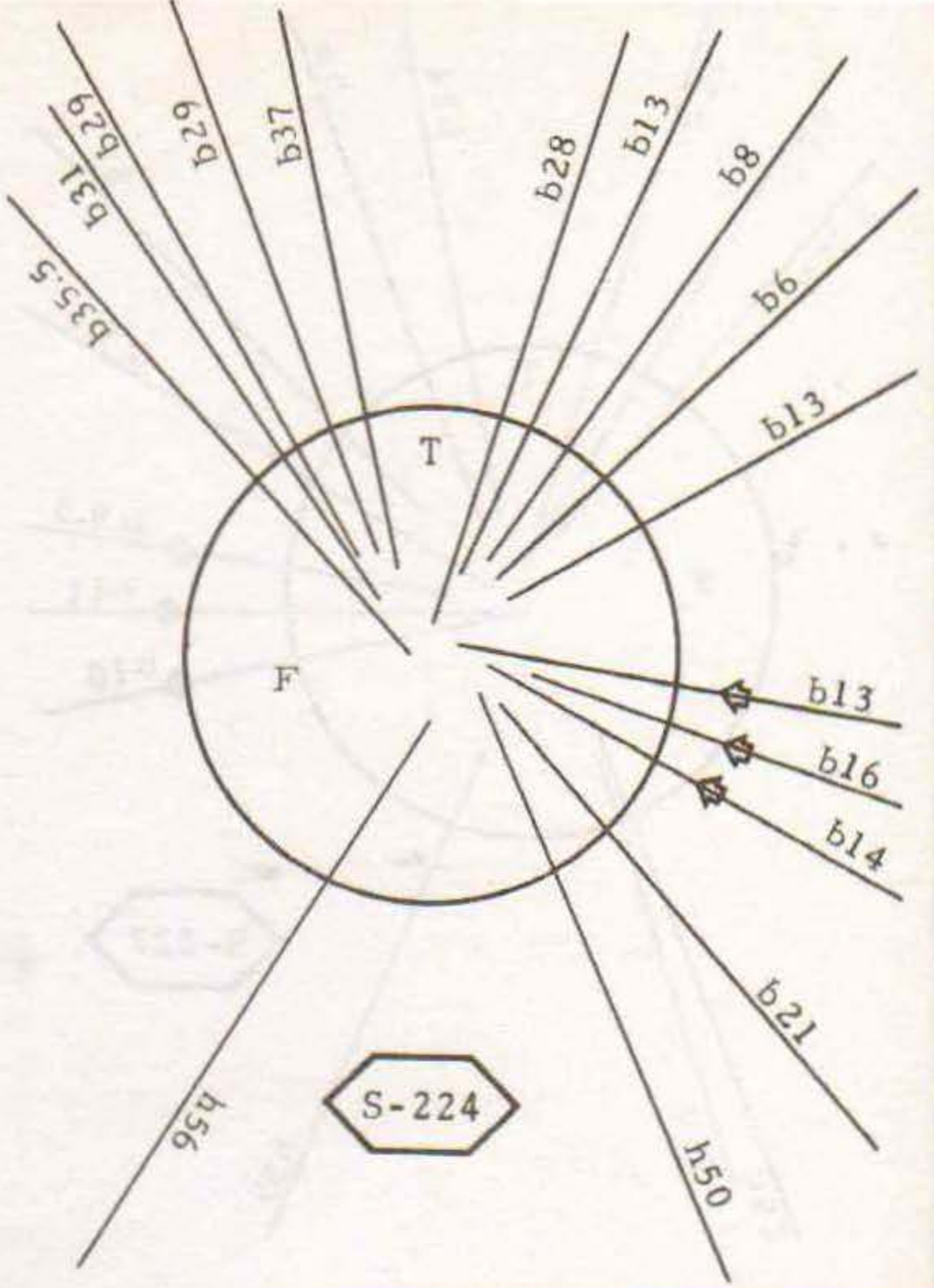
b12
b5
b31
h61
h56
b30
b27
b24
b24
b26
b5
S-223


T
F
b35.5
b31
b29
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b28
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b8
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b13
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b16
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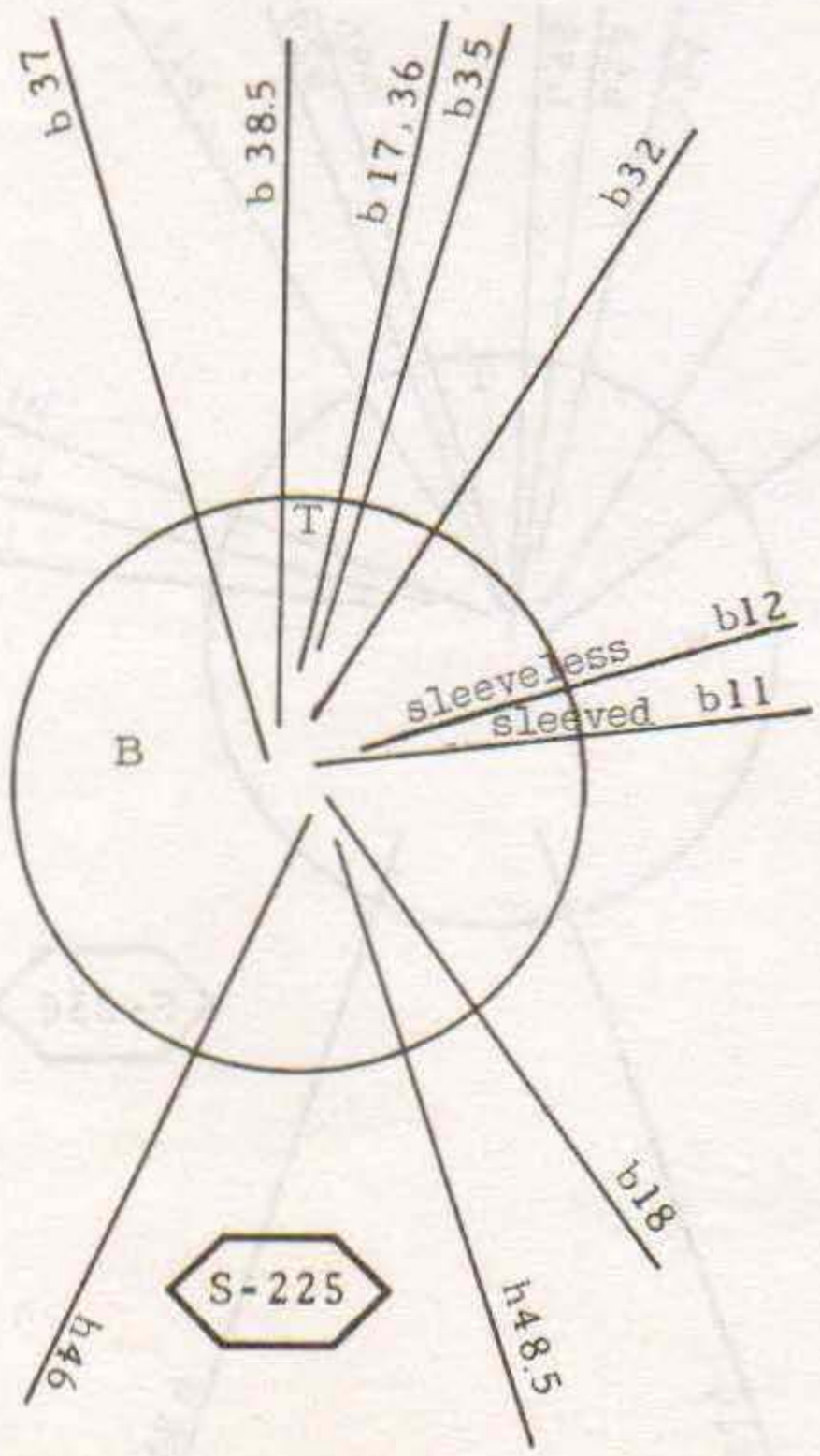
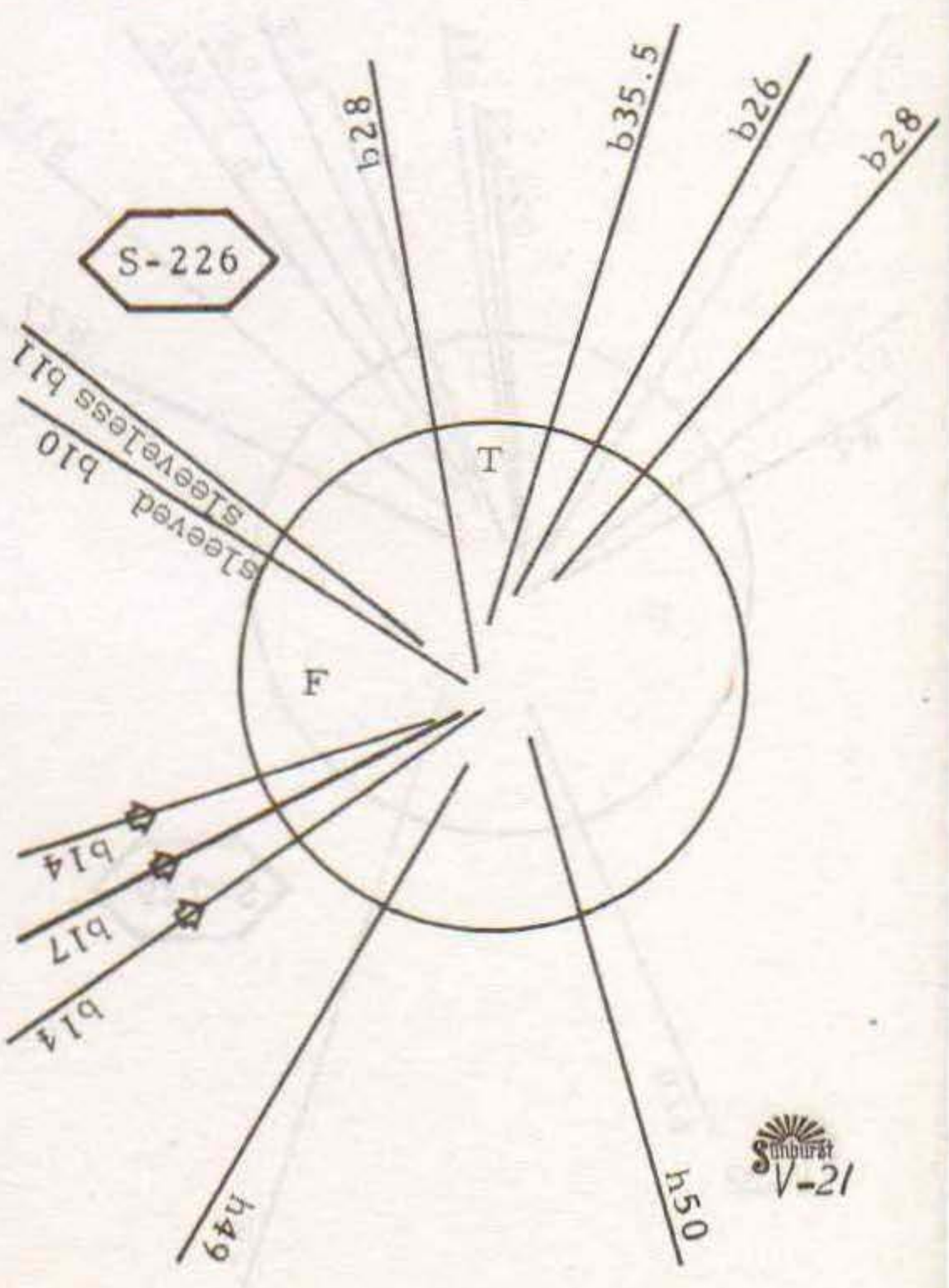
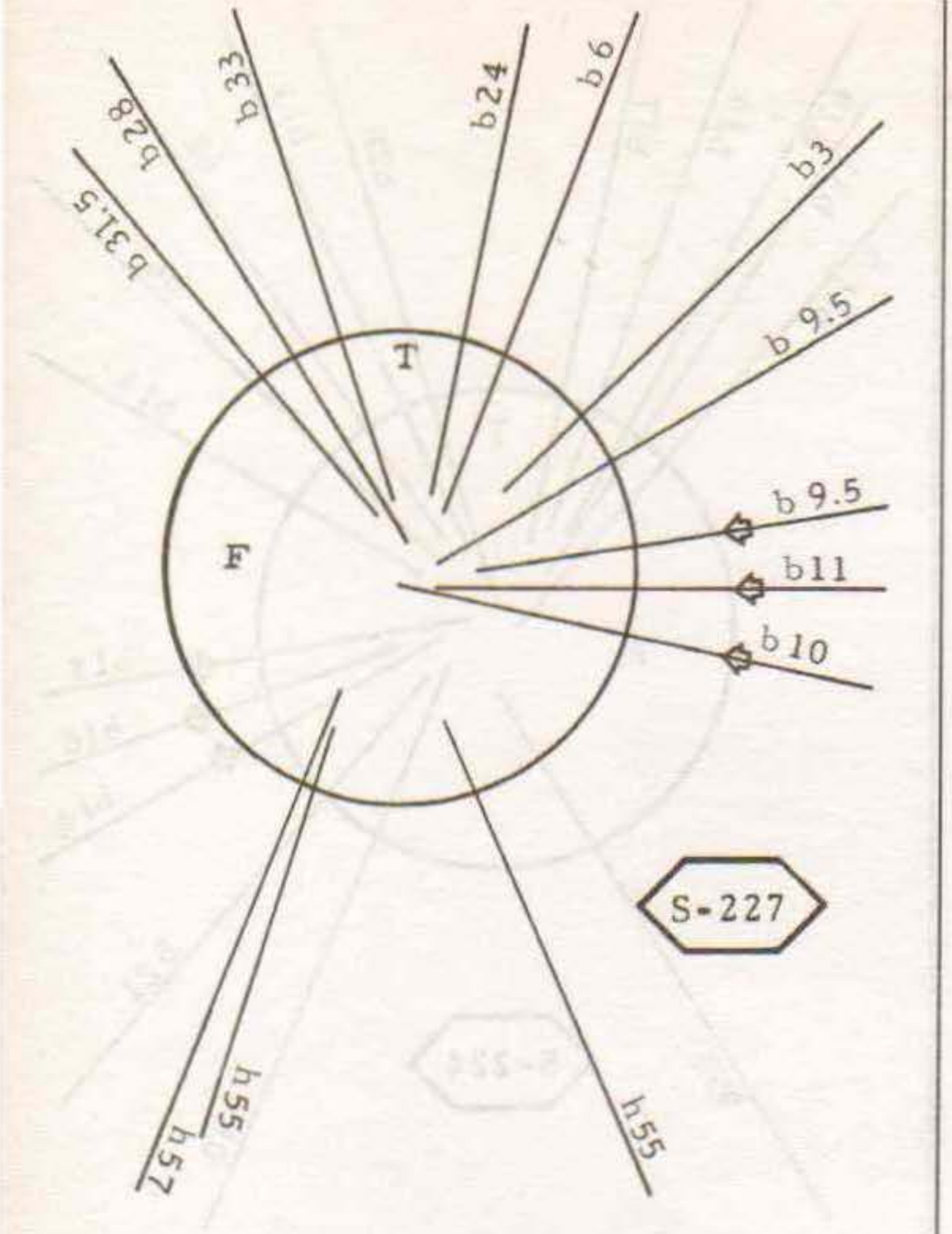
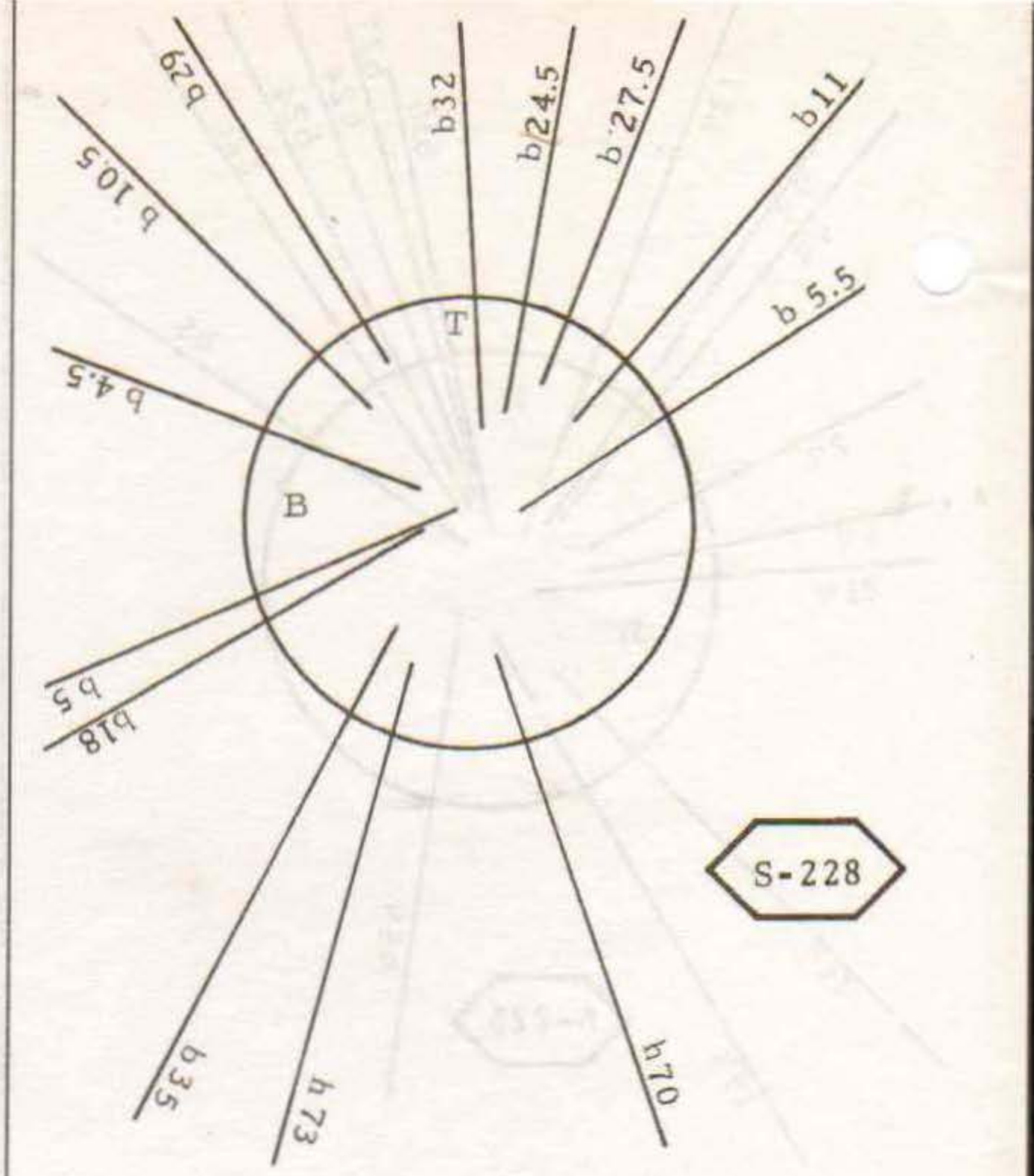
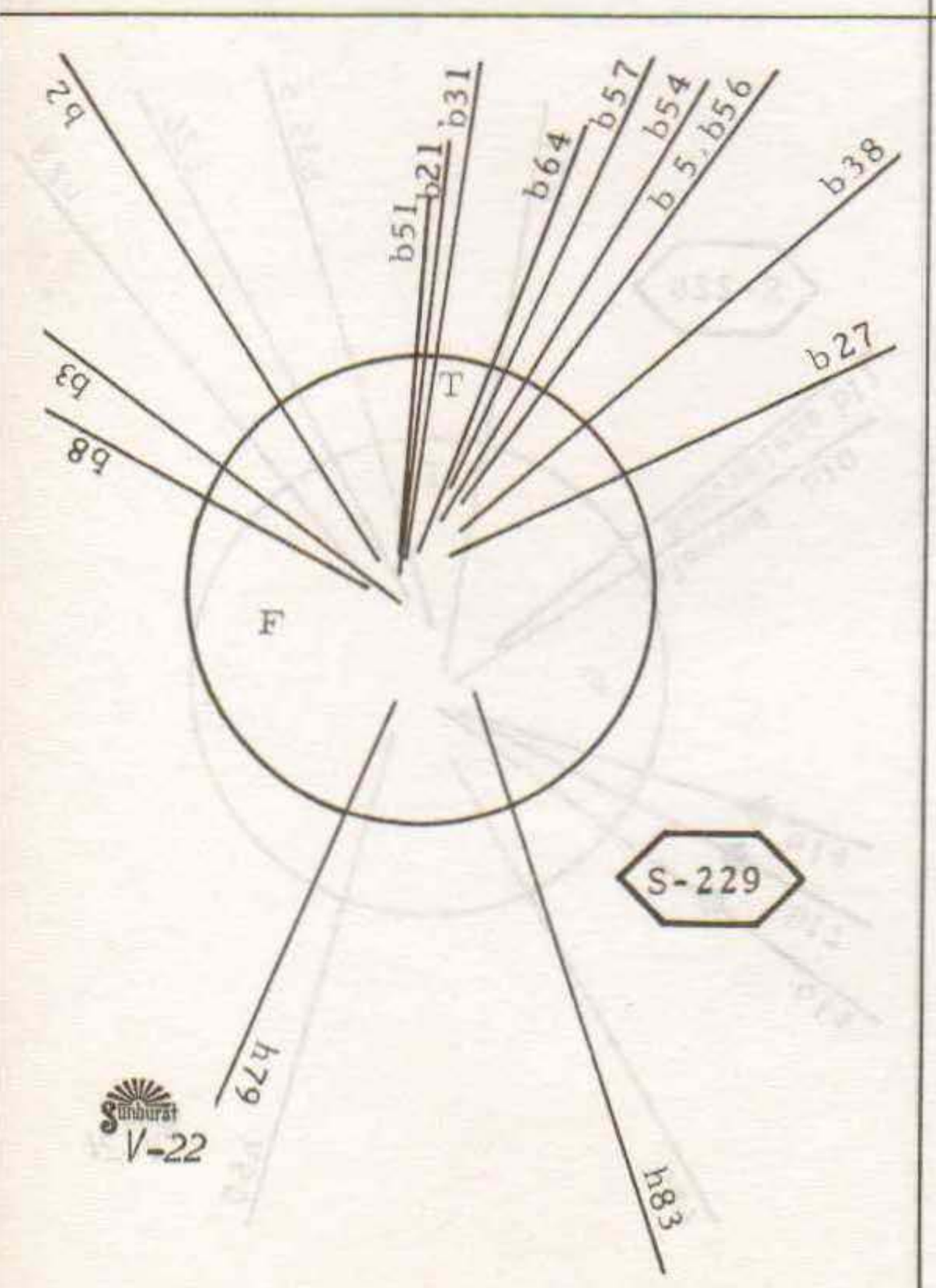
b21
h56
h50
S-224

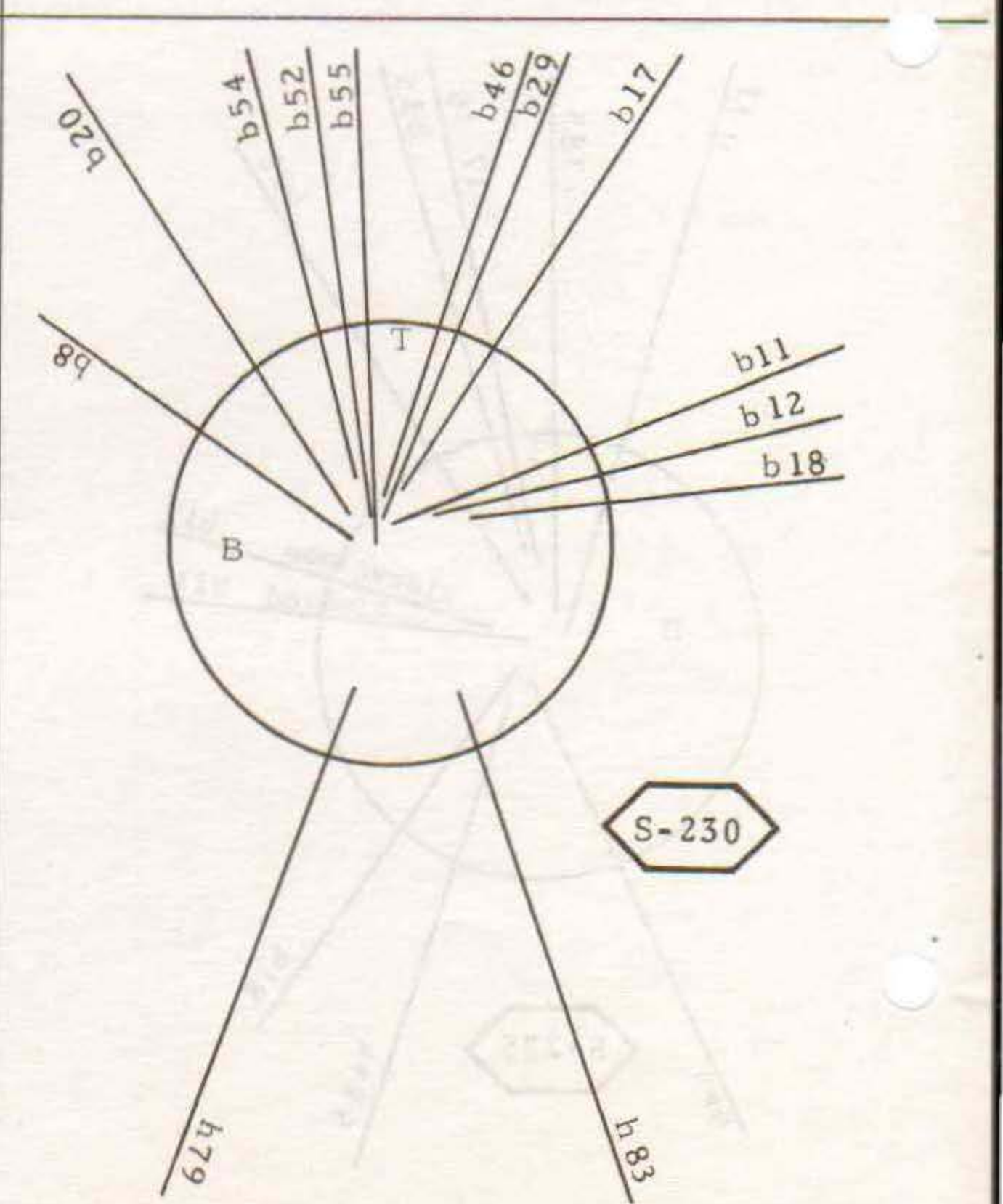

T
B
b37
b 38.5
b 17, 36
b35
b32
sleeveless b12
sleeved b11
b18
h46
h48.5
S-225


T
F
b28
b35.5
b26
b28
S-226
sleeveless b11
sleeved b10
b14
b17
b14
h49
h50

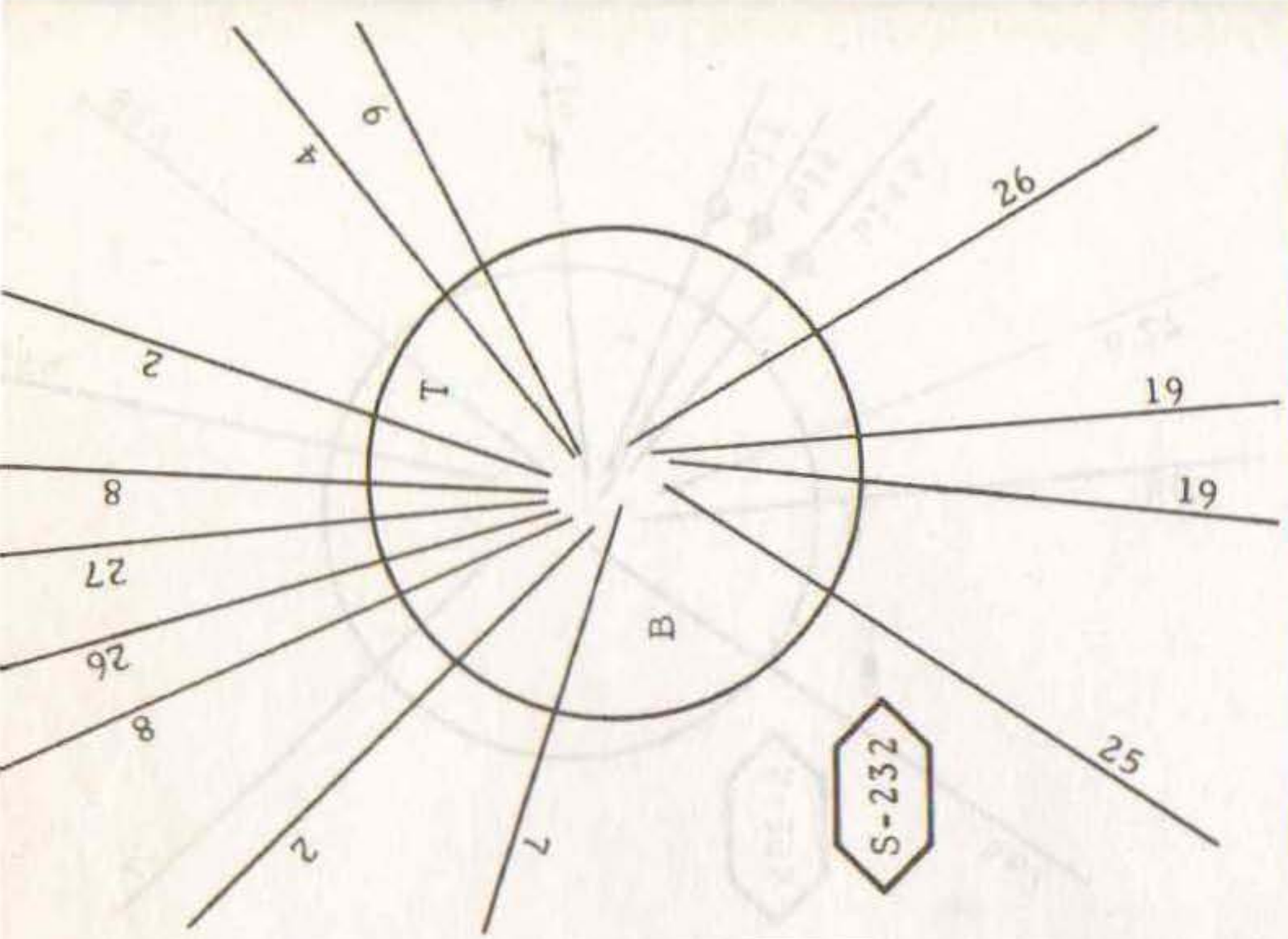



Sunburst
V-22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6
26
19
19
25
8
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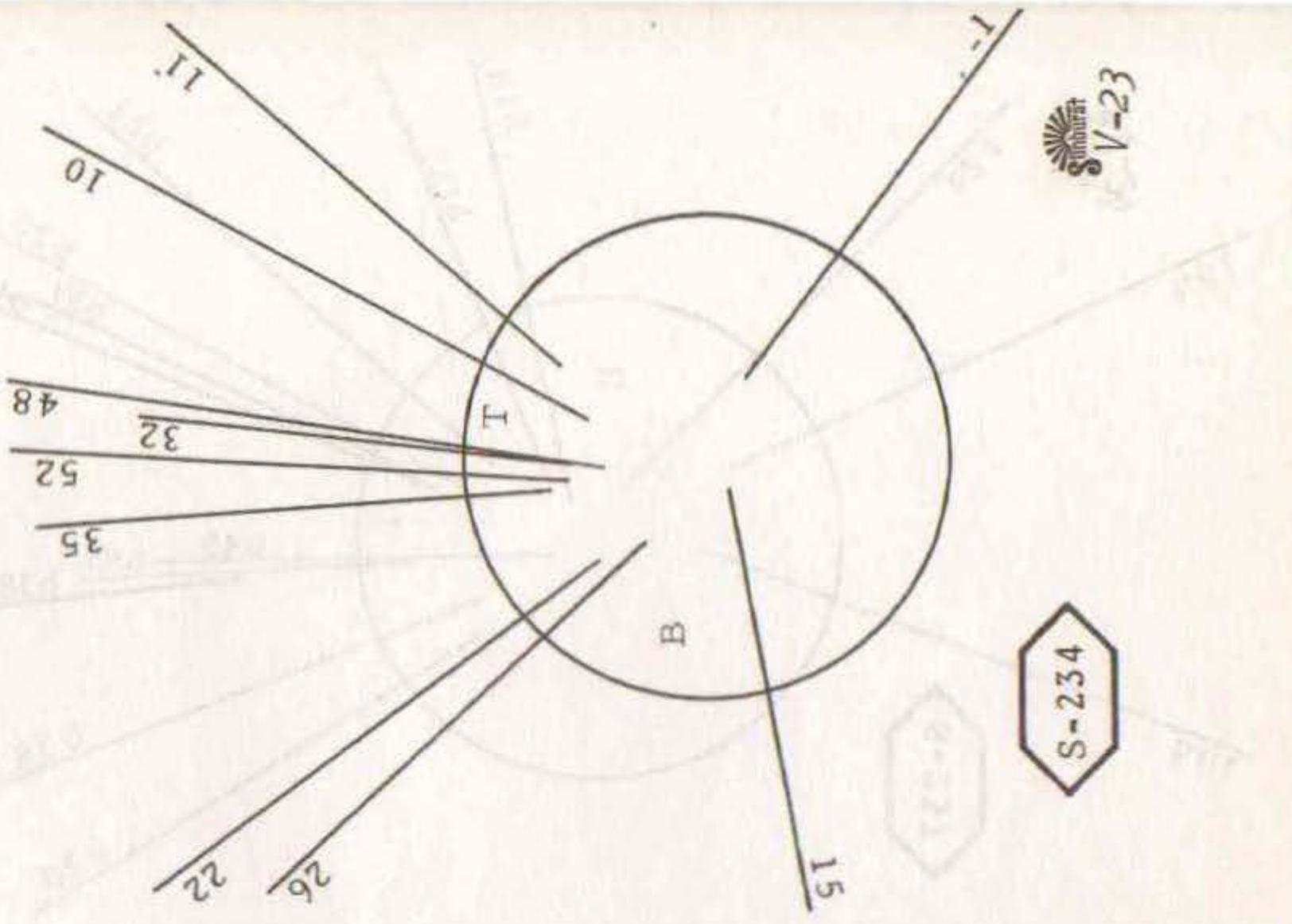
26
8
2
7
S-232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11
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48
32
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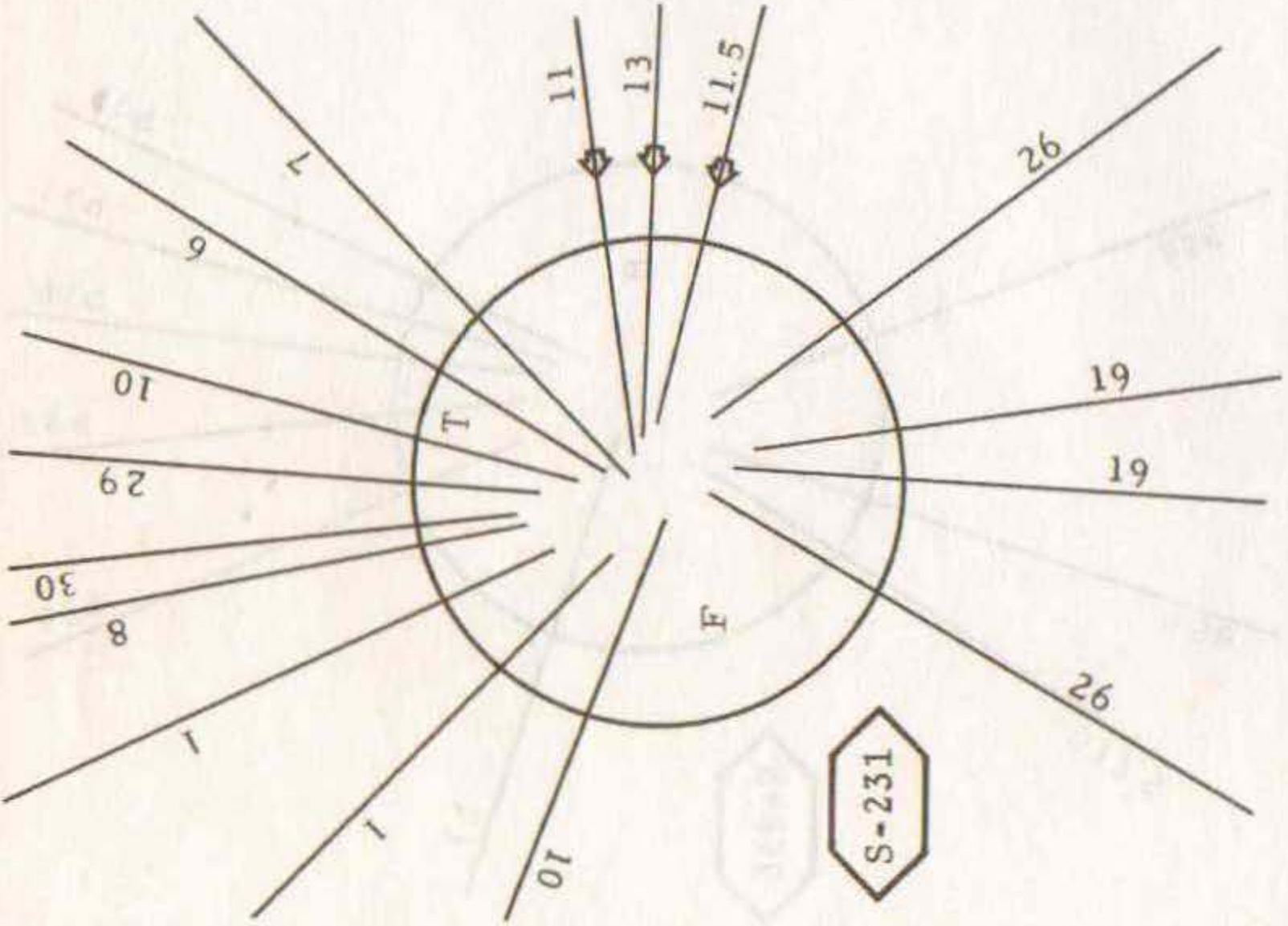
15
S-234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7
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1
1
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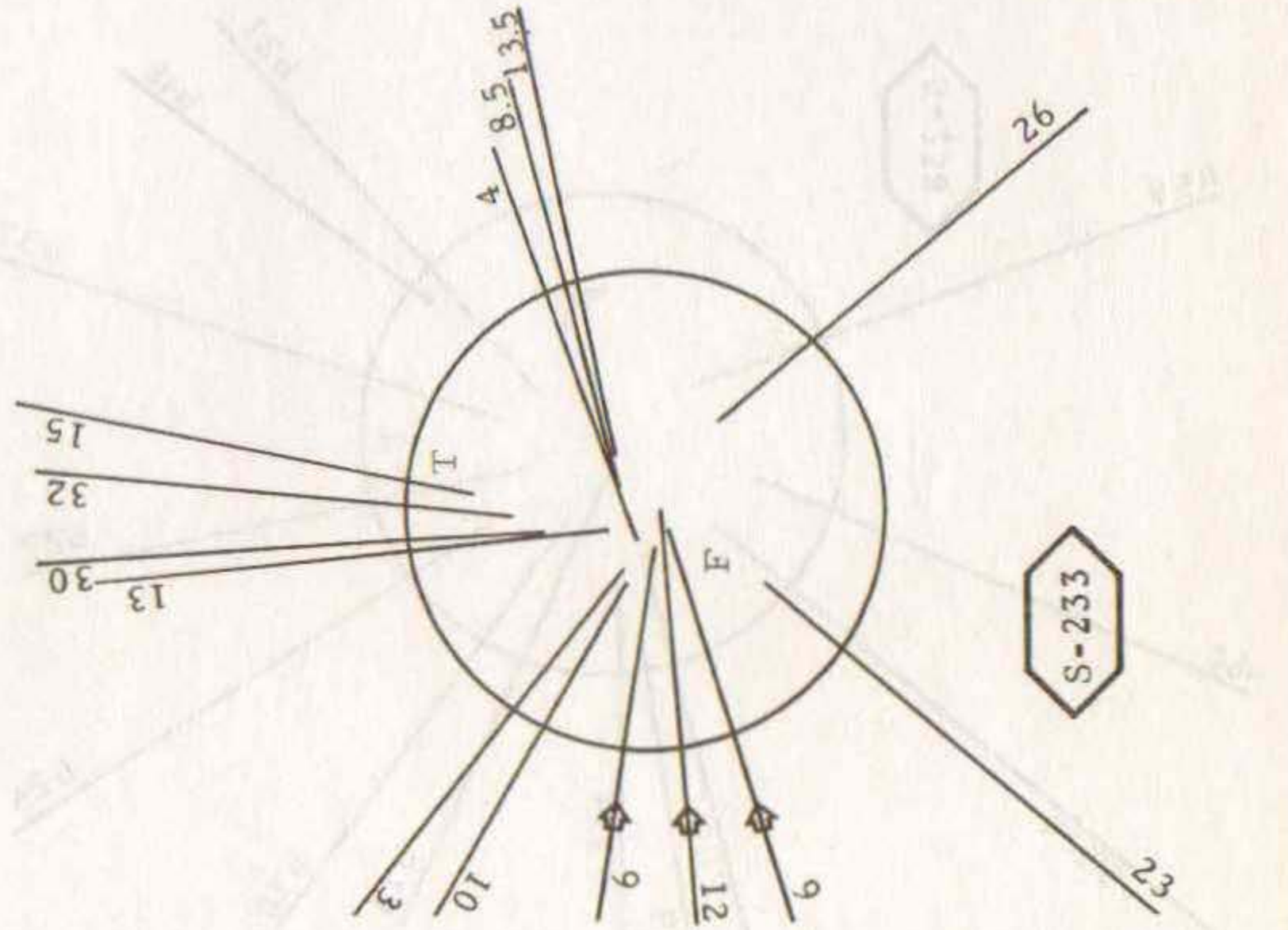
26
19
19
26
S-231


T
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8.5
13.5
15
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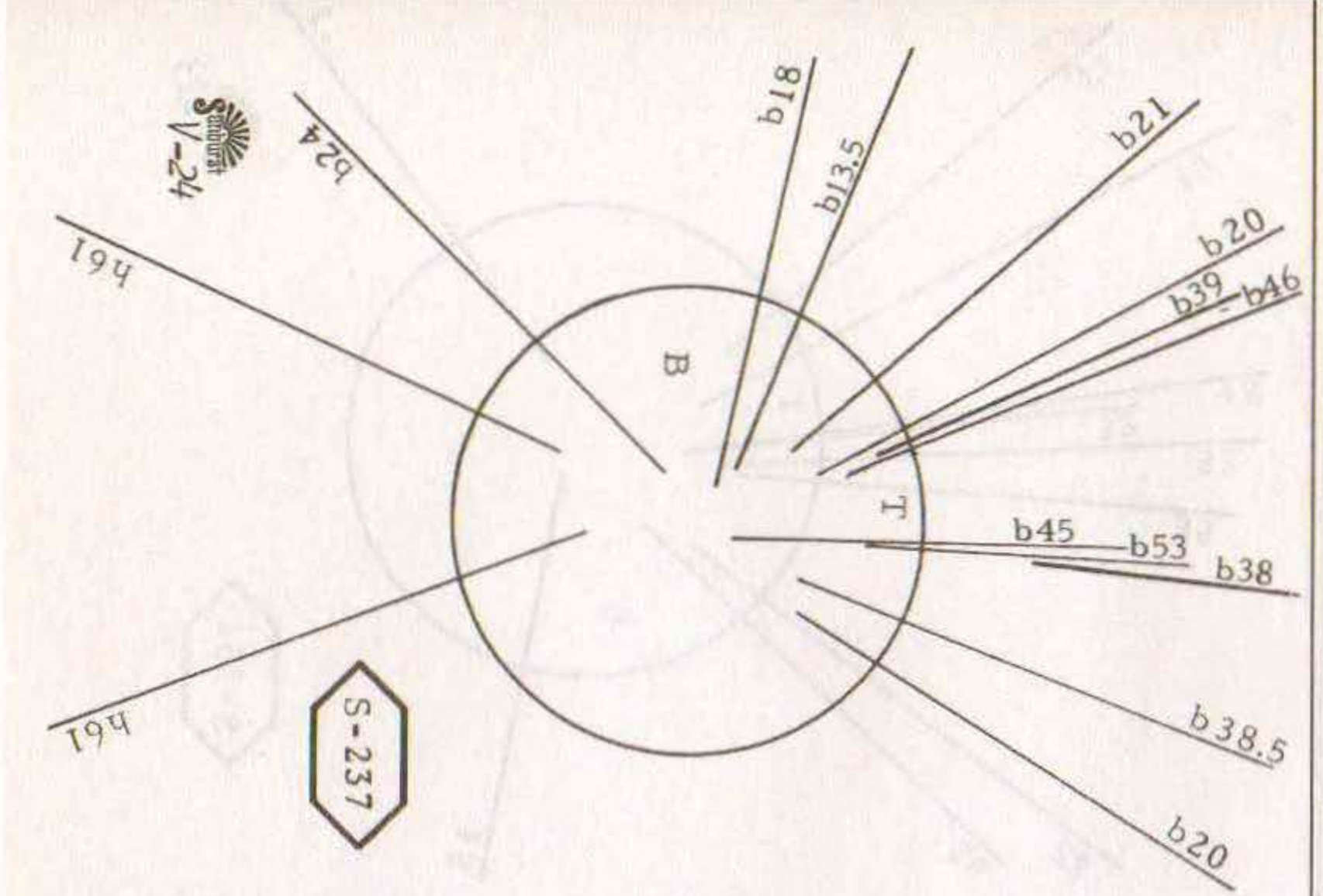
30
13
3
10
9
12
9
26
23
S-233


S-237
B
T
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h61
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b18
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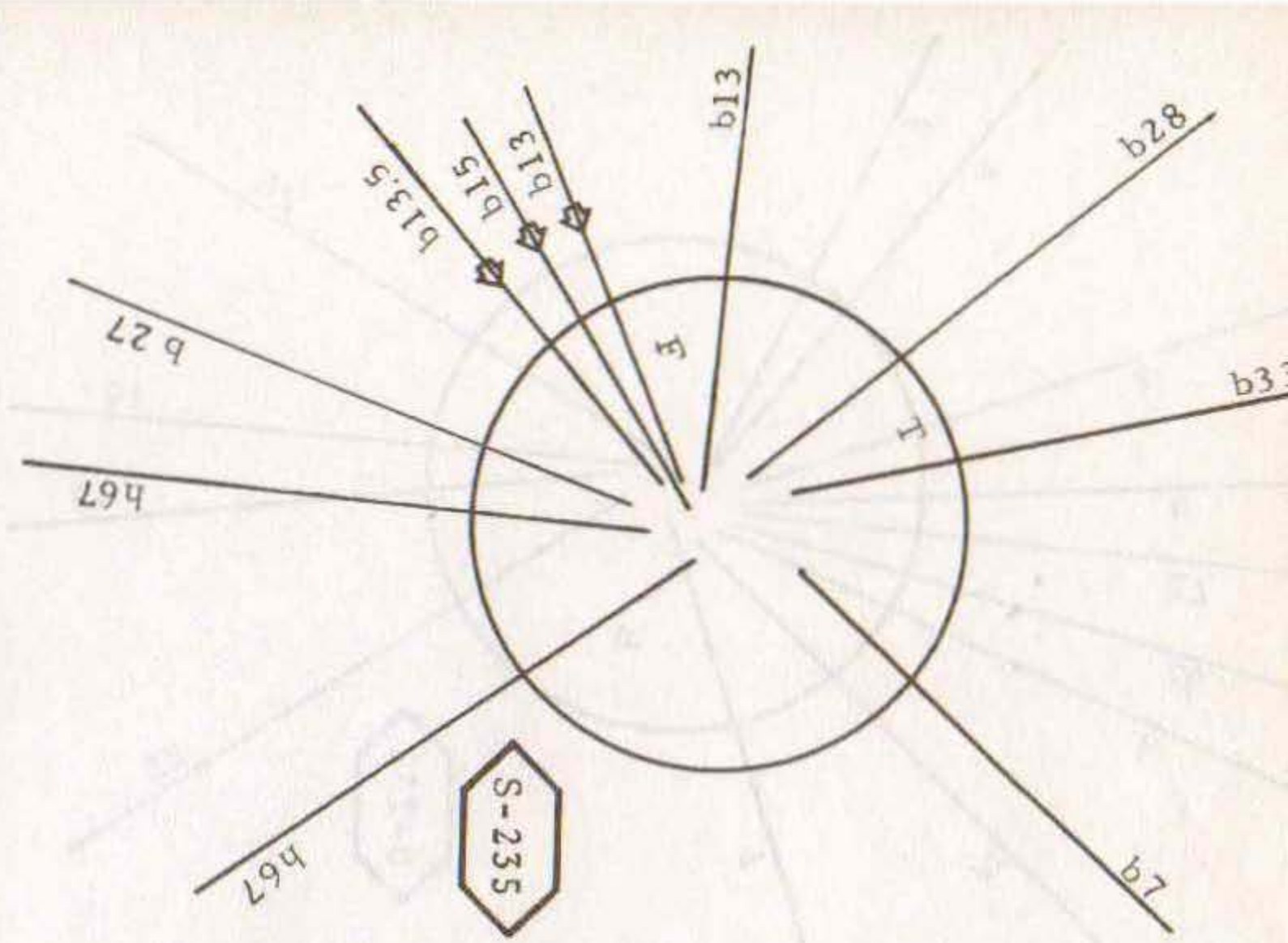
b21
b20
b39
b46
b45
b53
b38
b38.5
b20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h67
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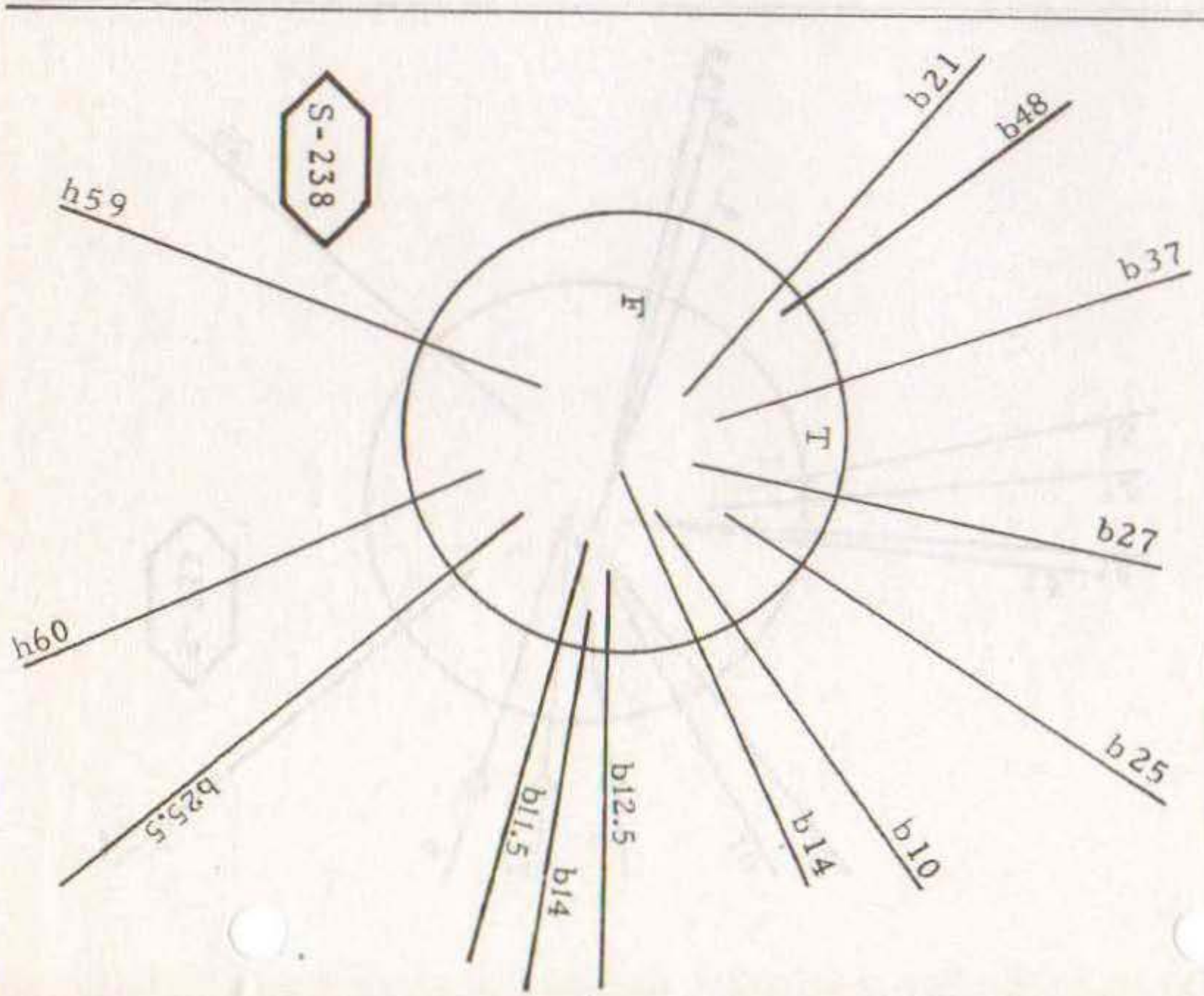
b15
b13
b13
b28
b7


S-238
F
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b12.5
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b10
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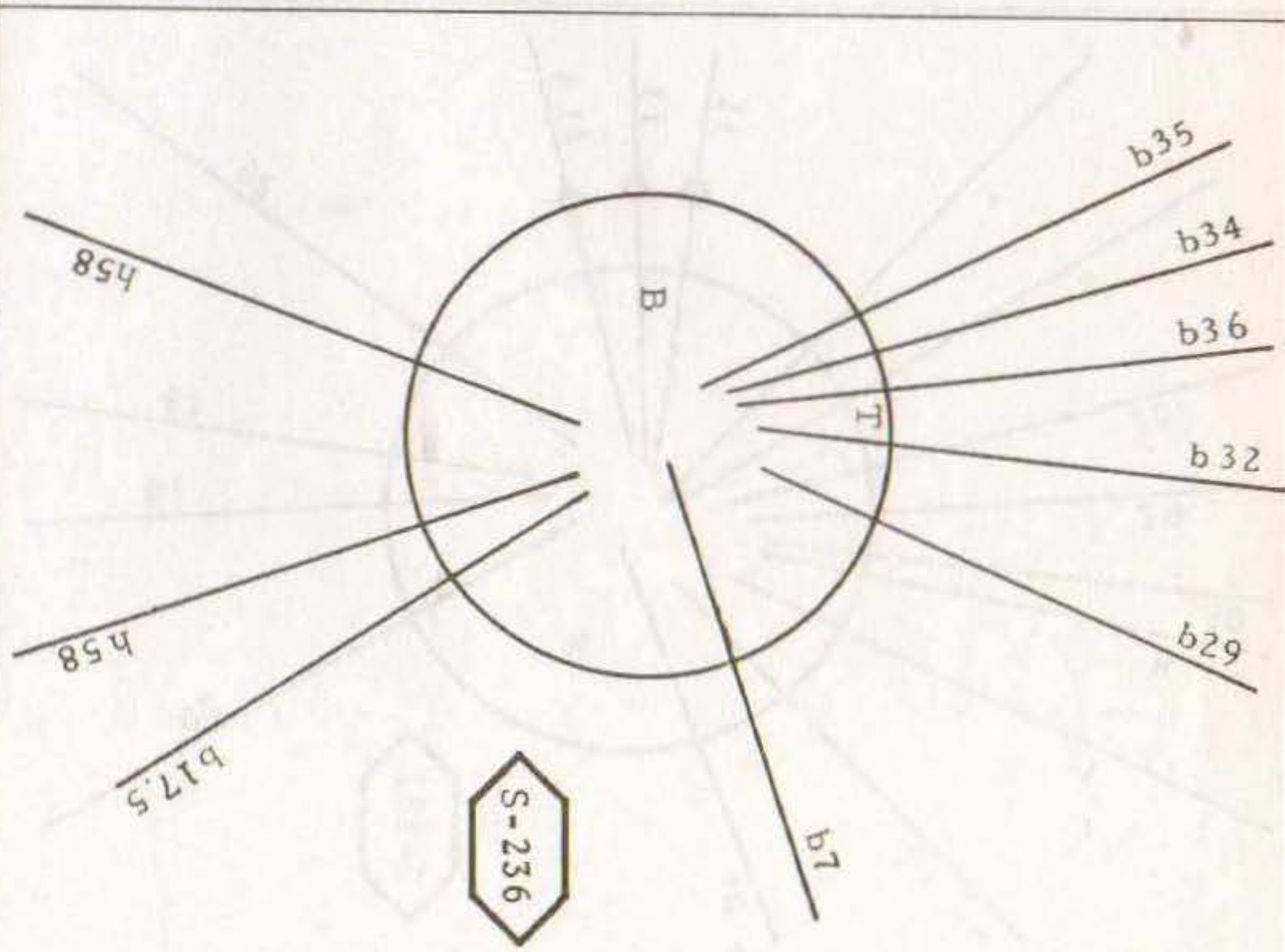
b27
b37
b21
b48


S-236
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h58
h58
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b29
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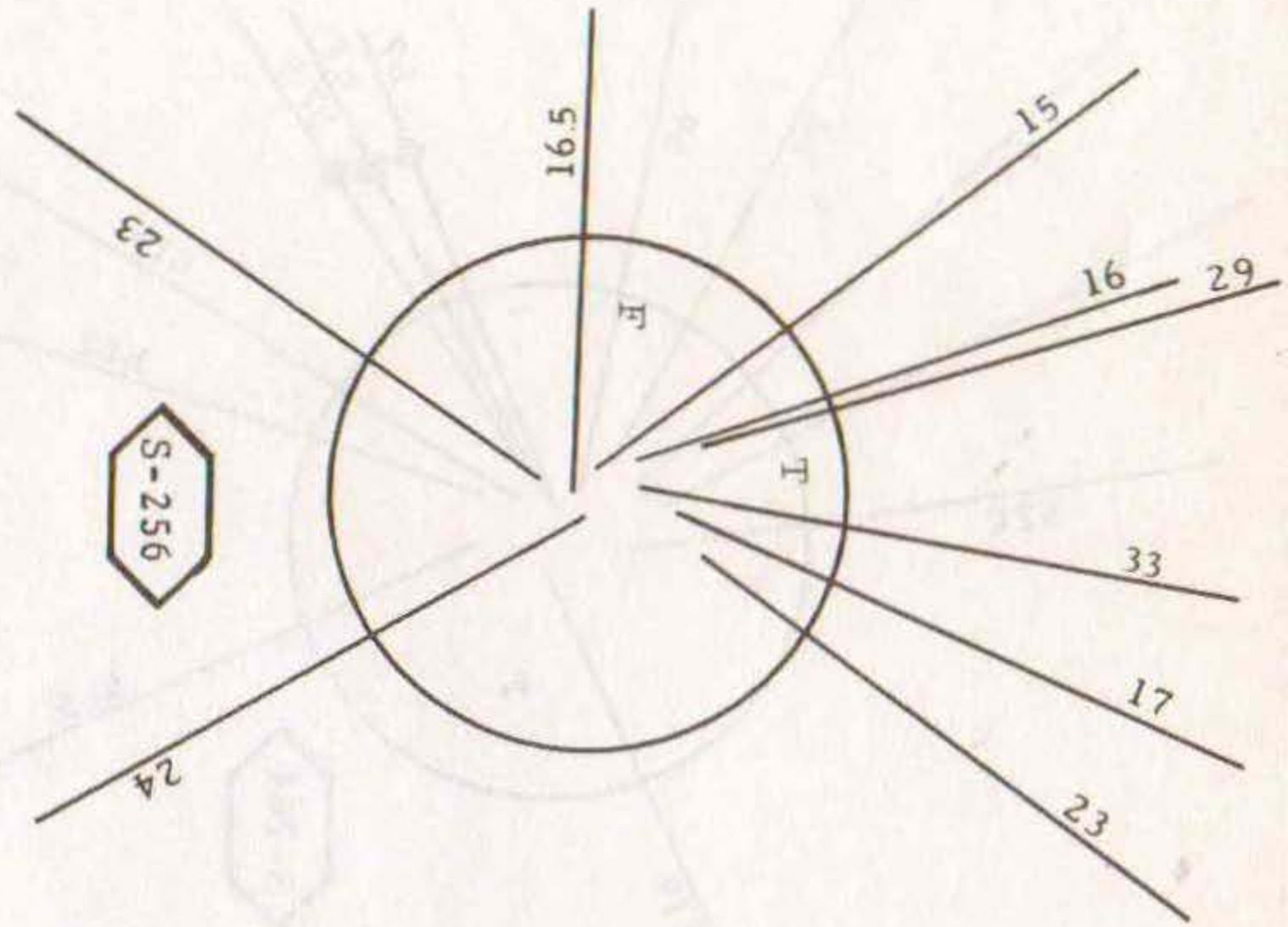
b36
b34
b35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23
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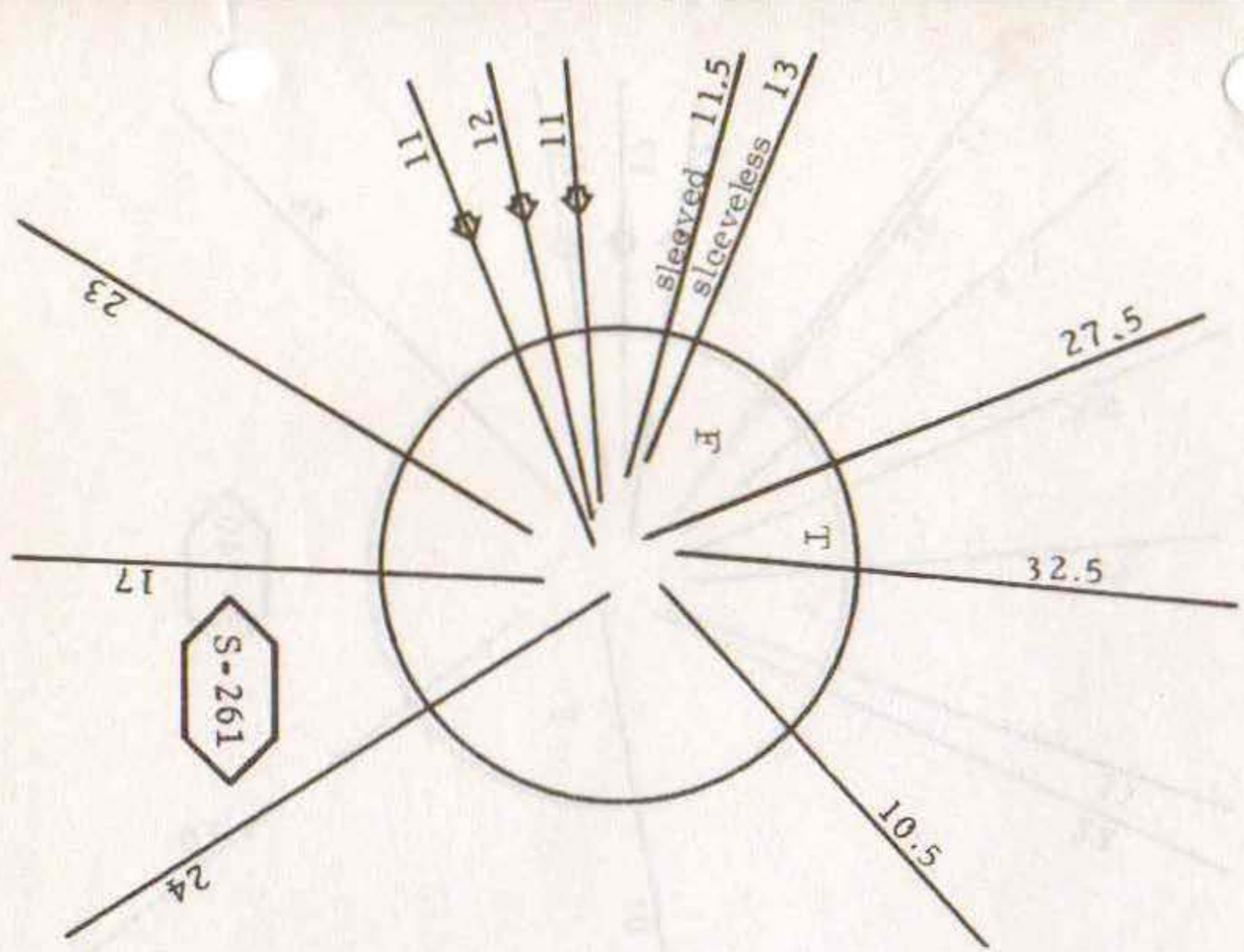
S-261
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T
23
11
12
11
sleeved 11.5
sleeveless 13
27.5
32.5
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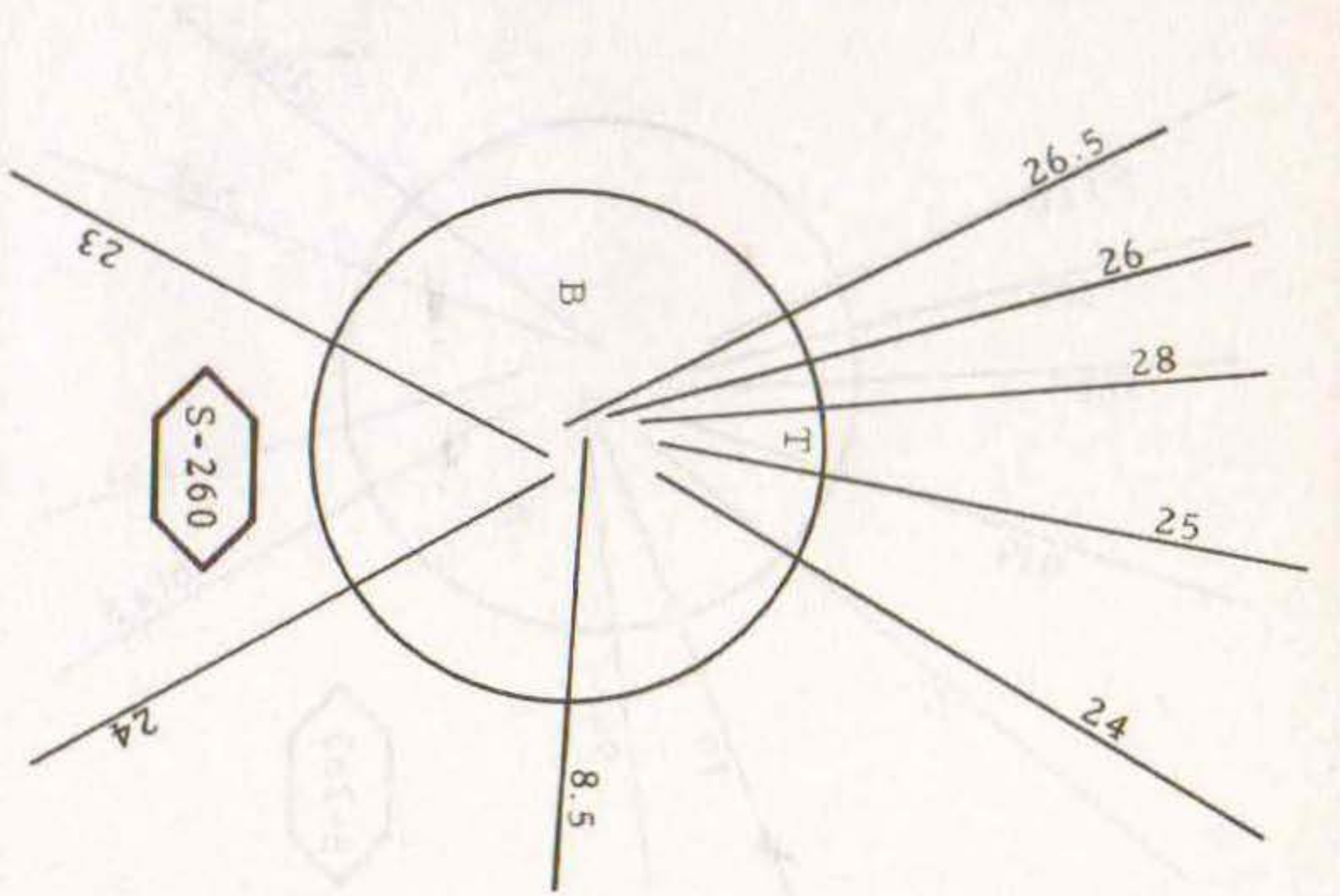
10.5
24


S-260
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25
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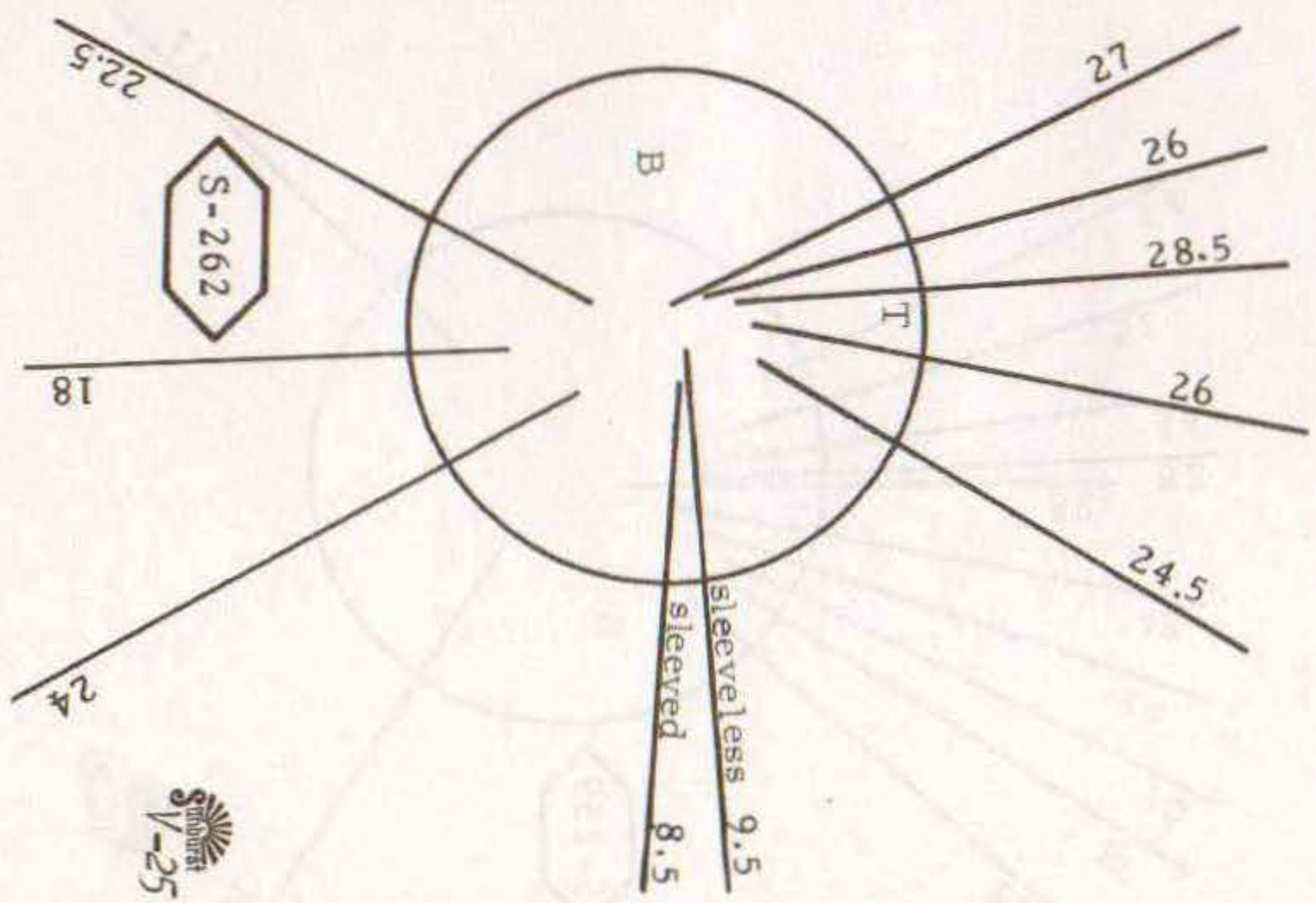
8.5


S-262
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28.5
26
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18
24
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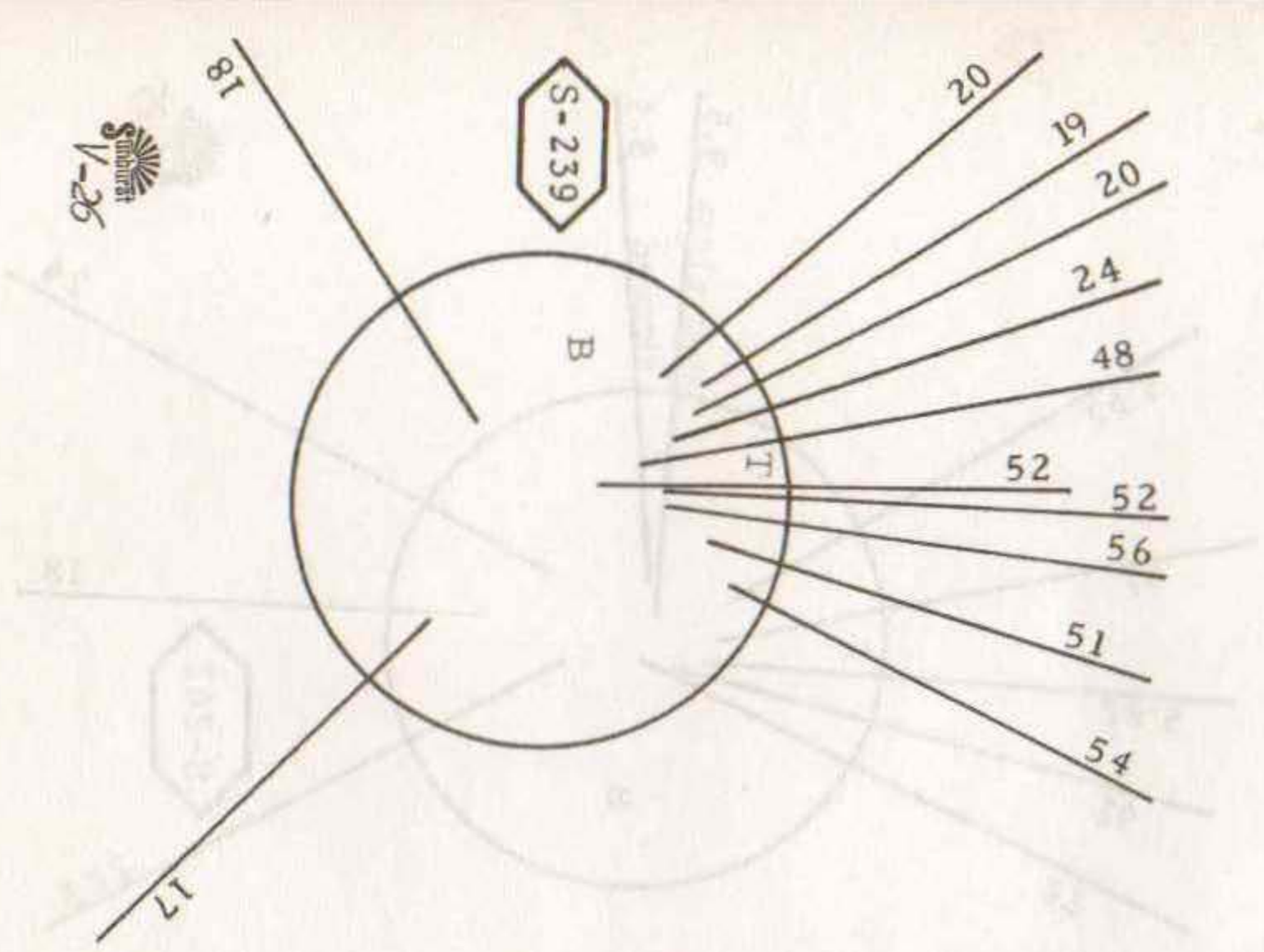
sleeved 8.5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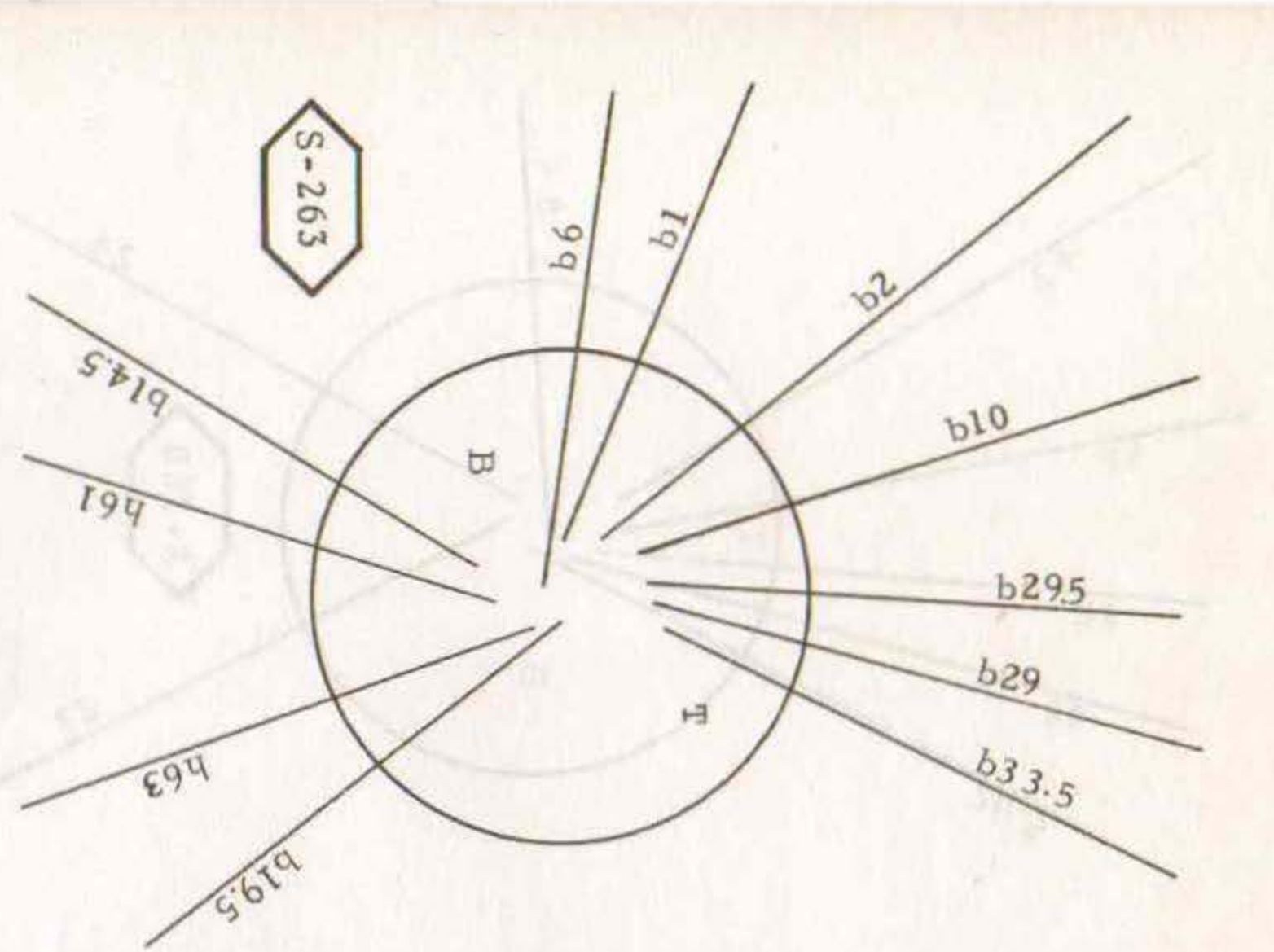
S-263
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b10
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b295
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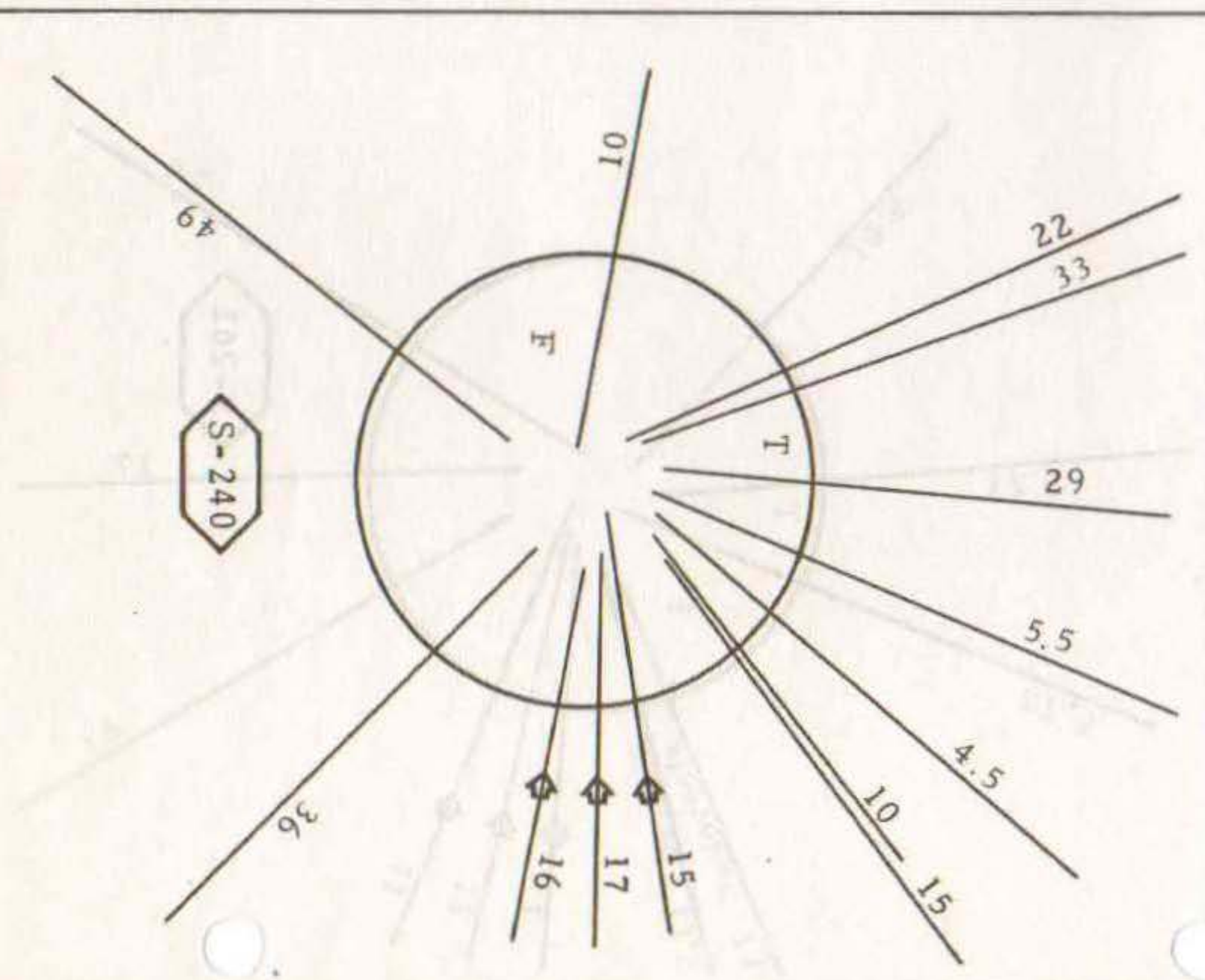
b19.5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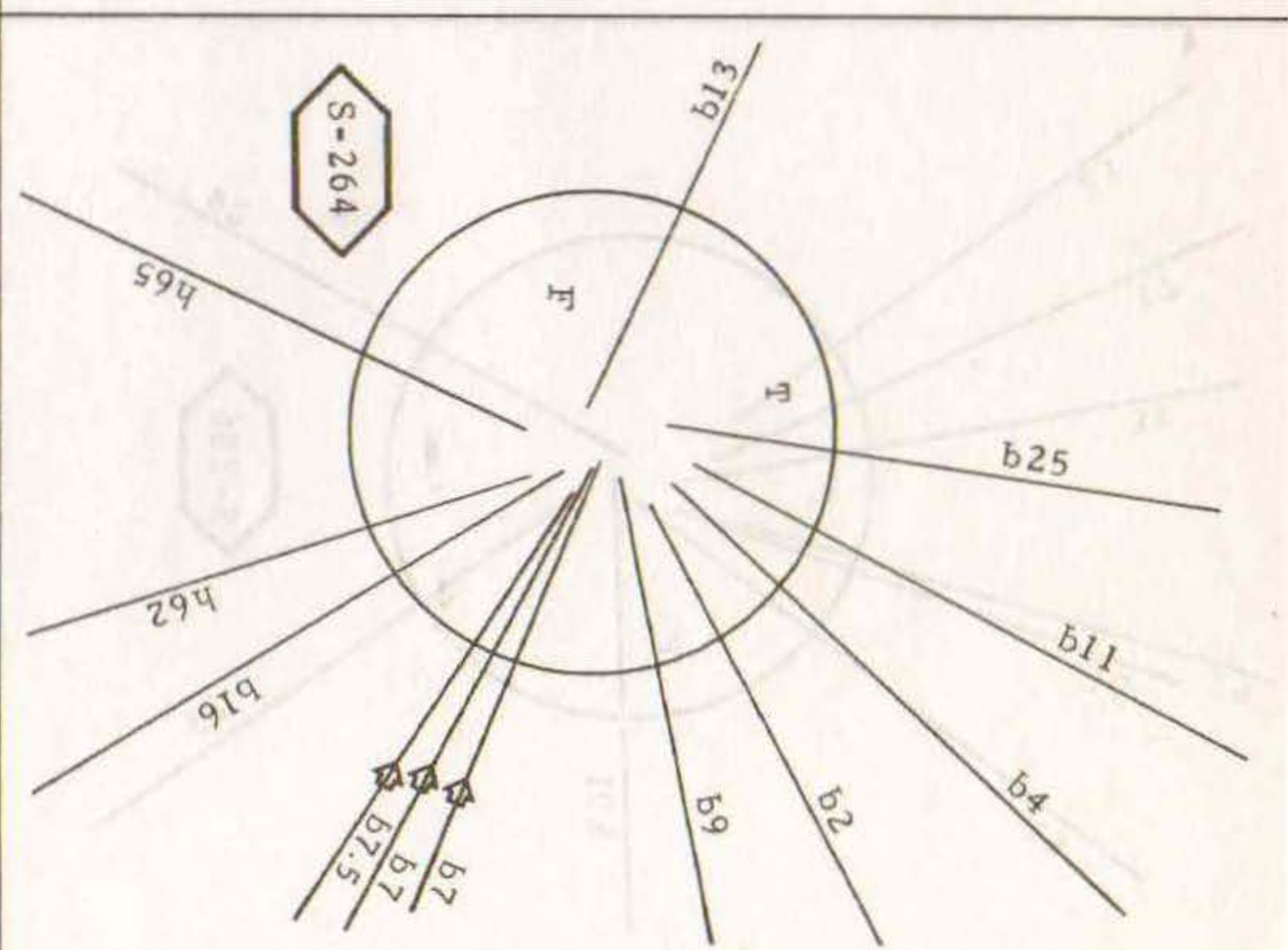
S-264
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b25
h62
b16
b11
b4
b2
b9
b7
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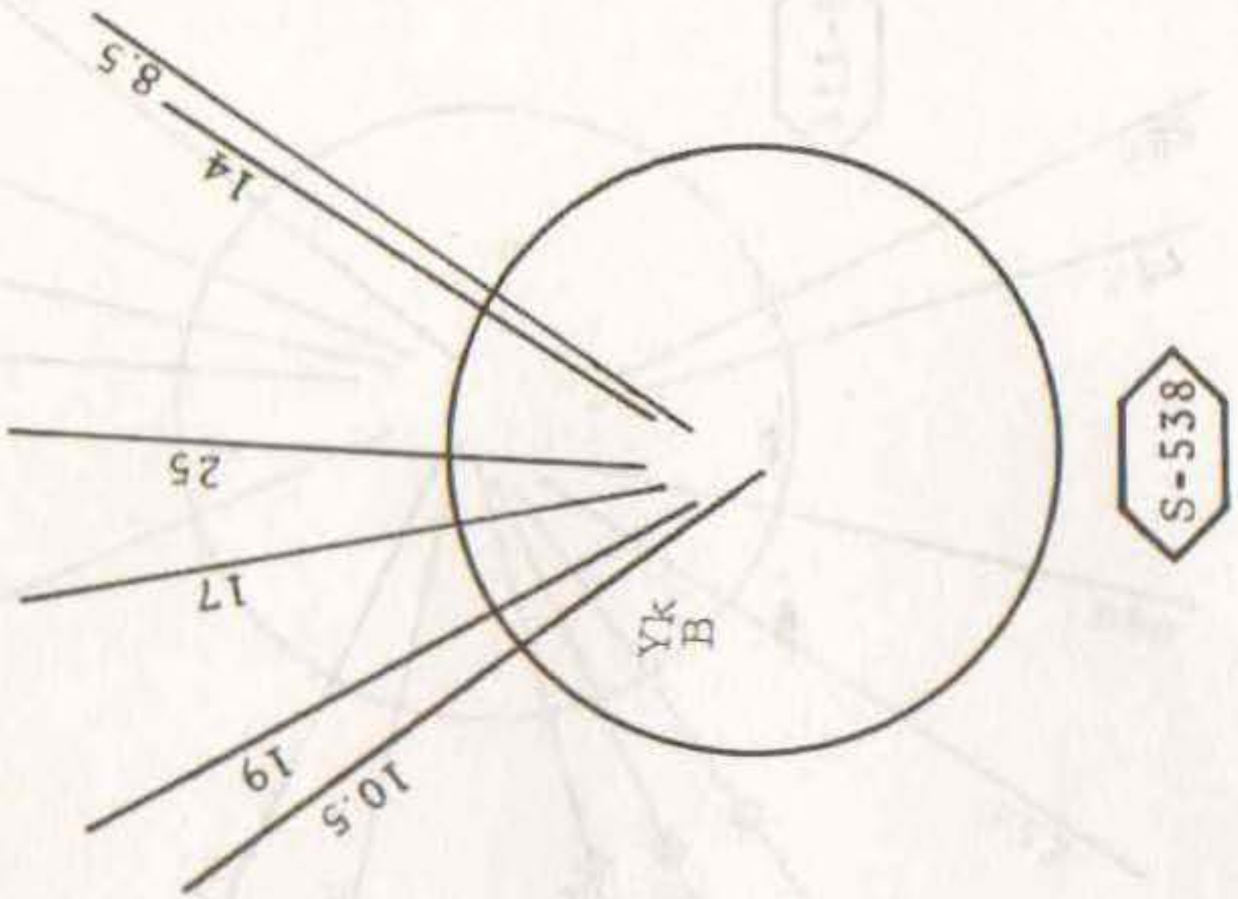
b7.5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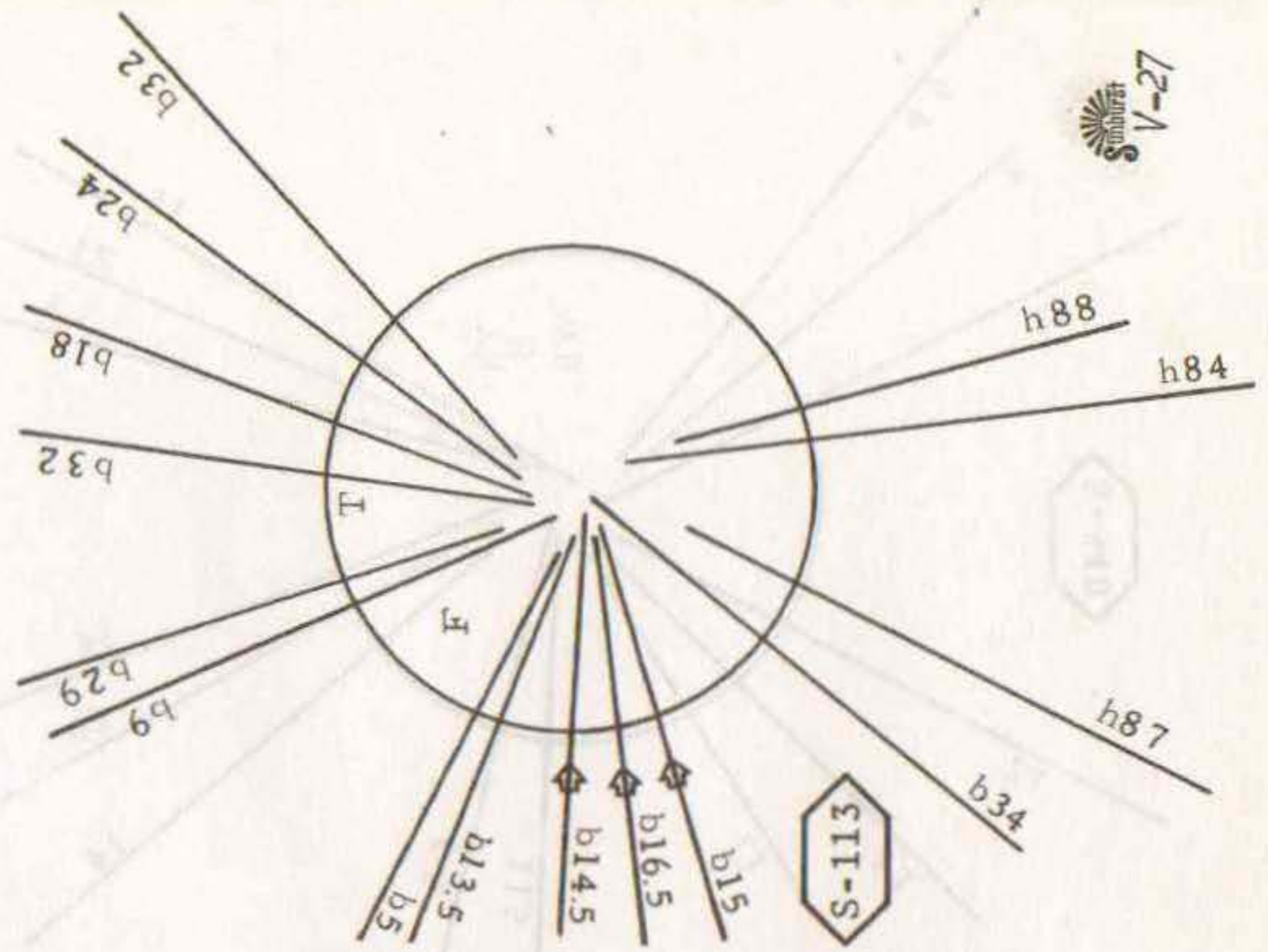
10.5
Yk
B


S-113
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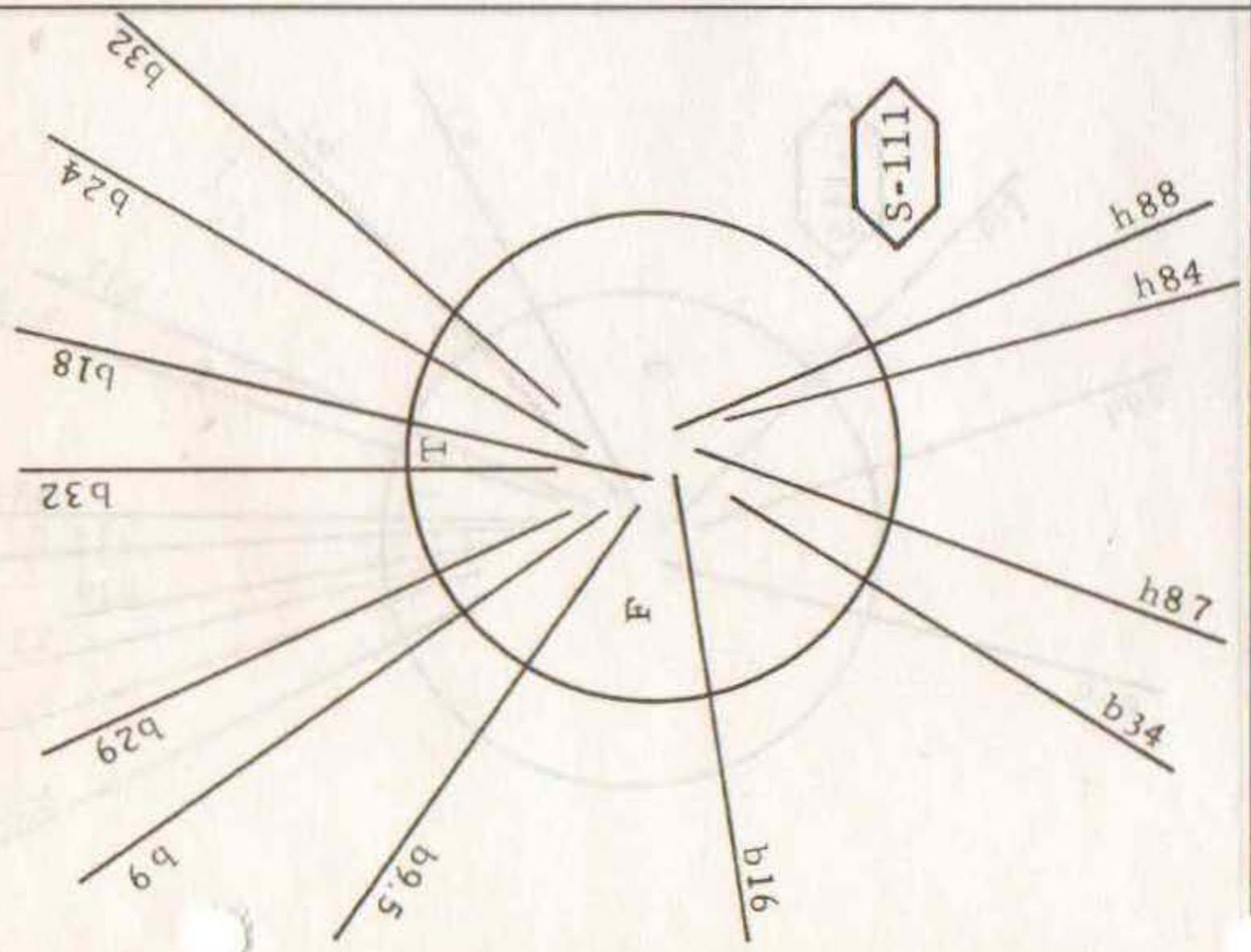
b24
b18
b32
b9
b29
b5
b13.5
b14.5
b16.5
b15
b34
h87
h88
h84
T
F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b34
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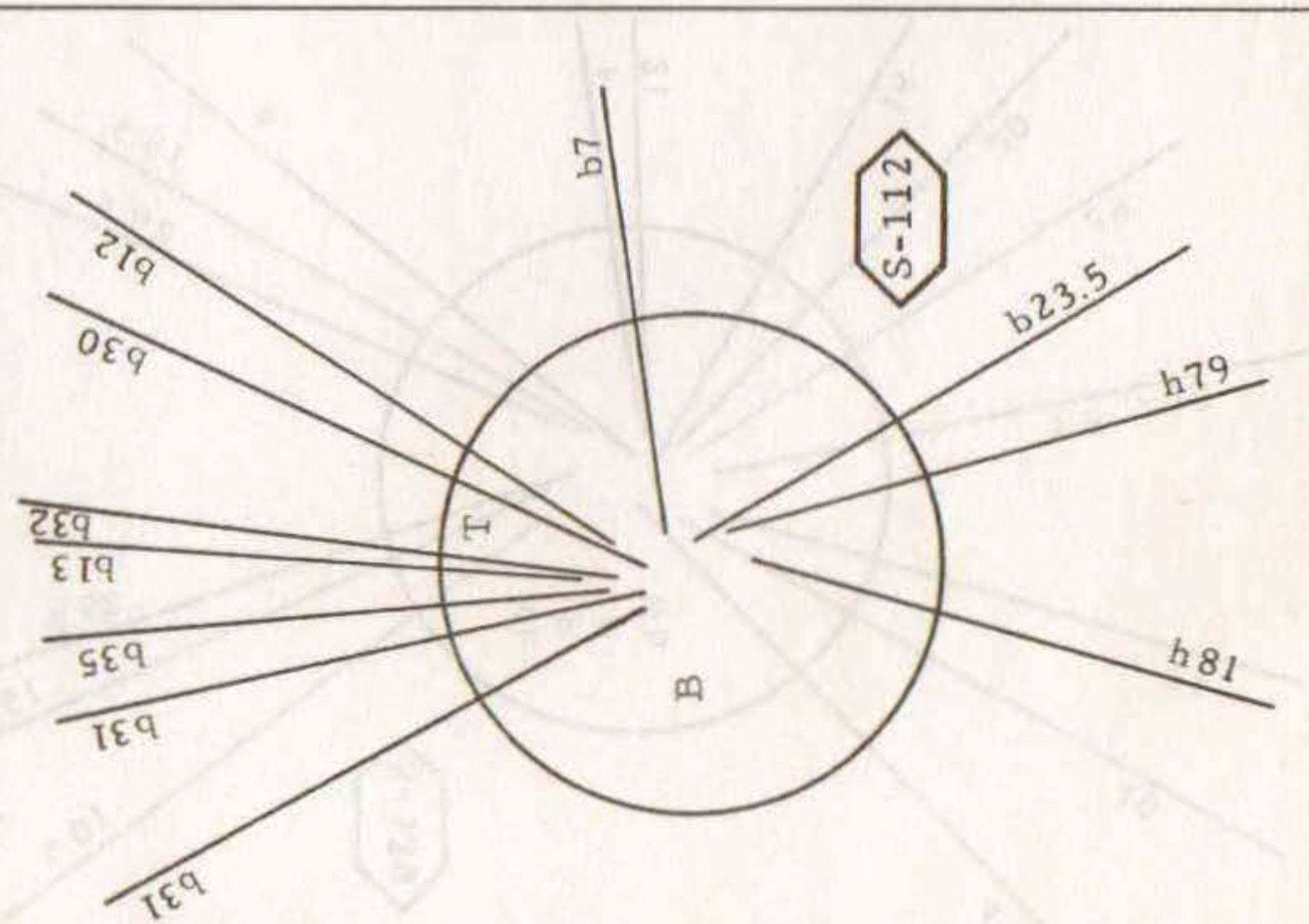
T
F


S-112
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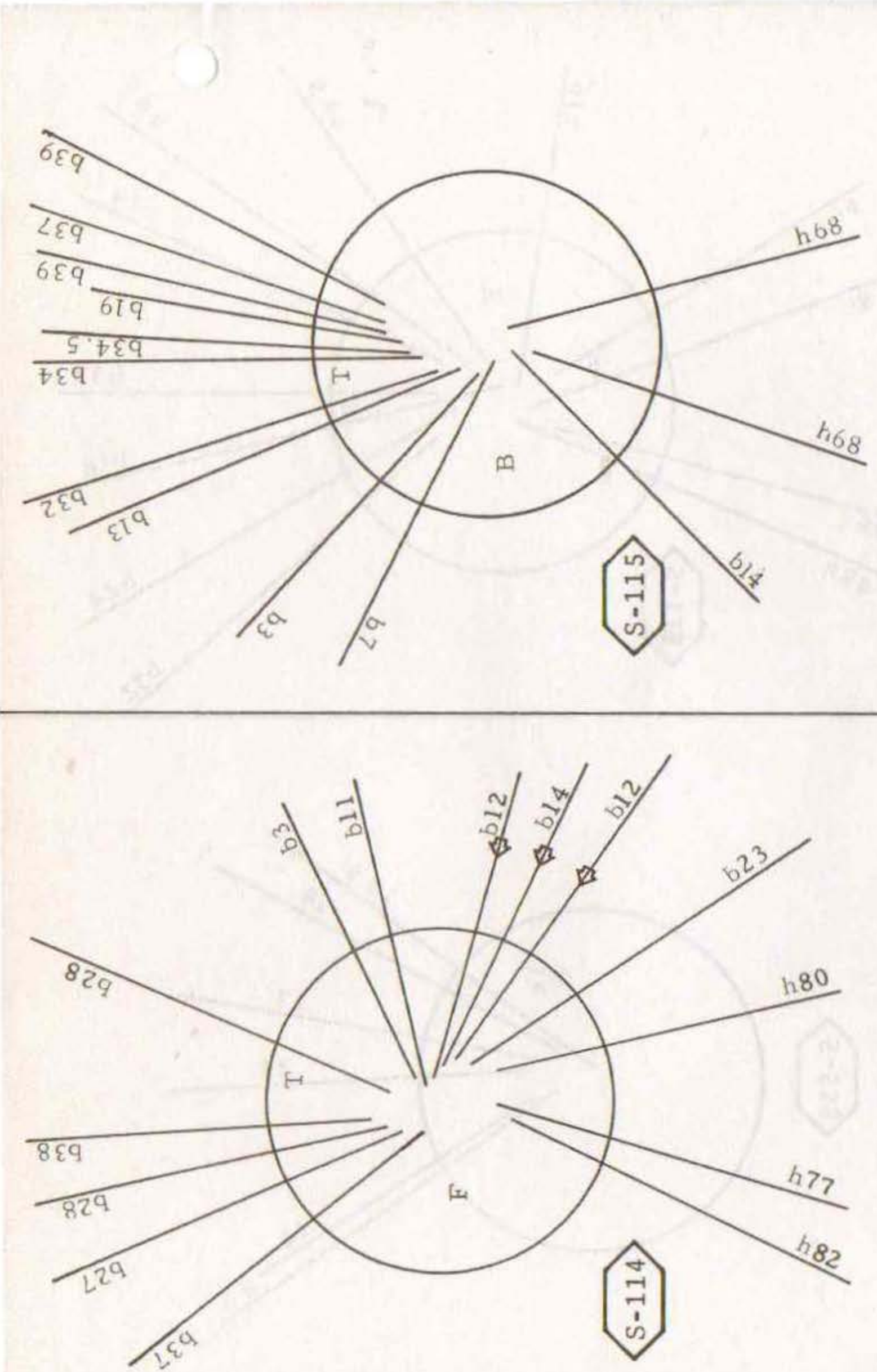
b31
b23.5
h79
h81
T
B


S-115
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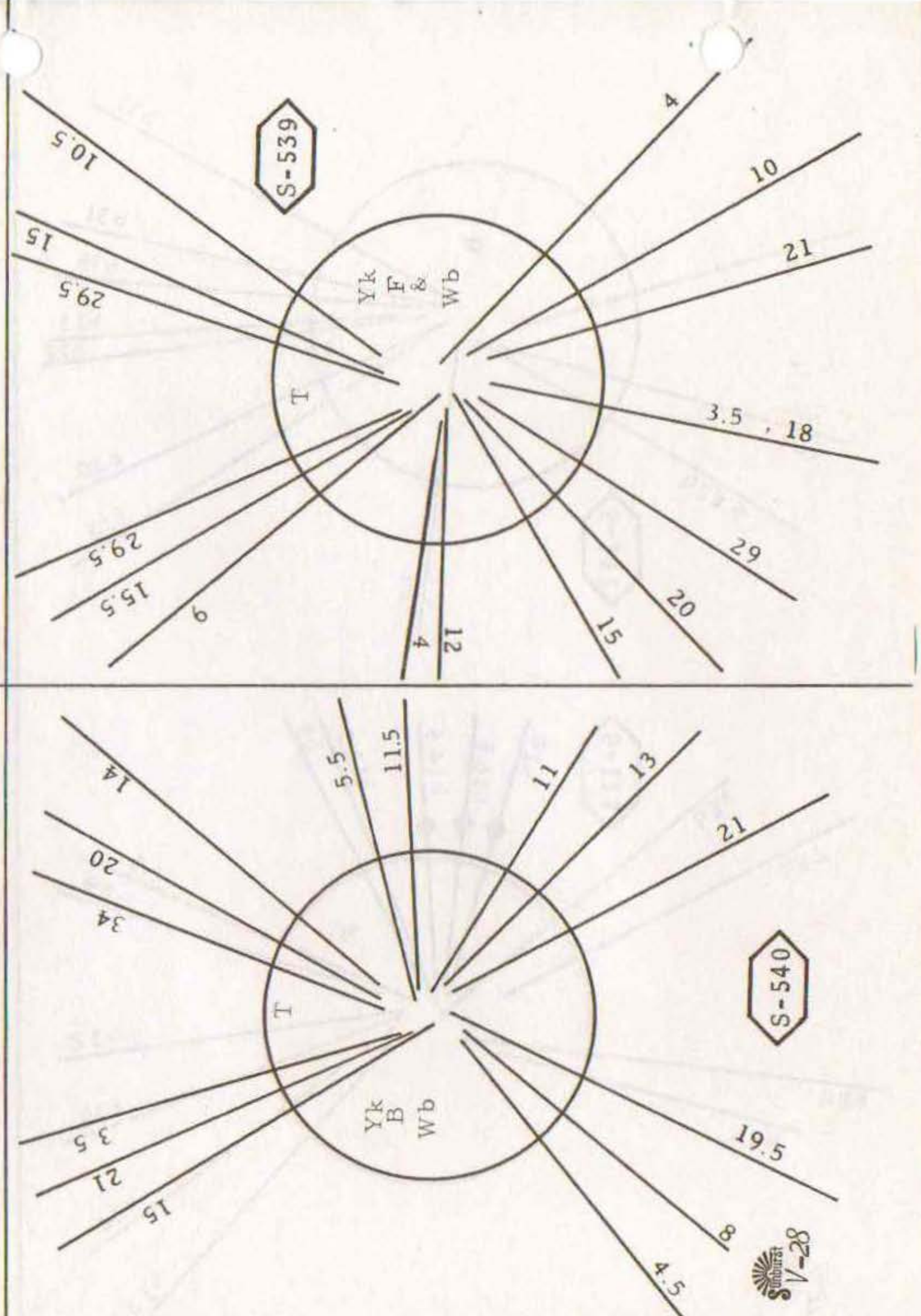
b32
b13
b3
b7
h89
h89
b14


S-539
T
Yk
F
&
Wb
10.5
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29.5
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3.5 , 18
29
20
15
12
4
9
15.5
29.5


S-114
T
F
b3
b11
b12
b14
b12
b23
h80
h77
h82
b28
b38
b28
b27
b37


S-540
T
Yk
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Wb
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11.5
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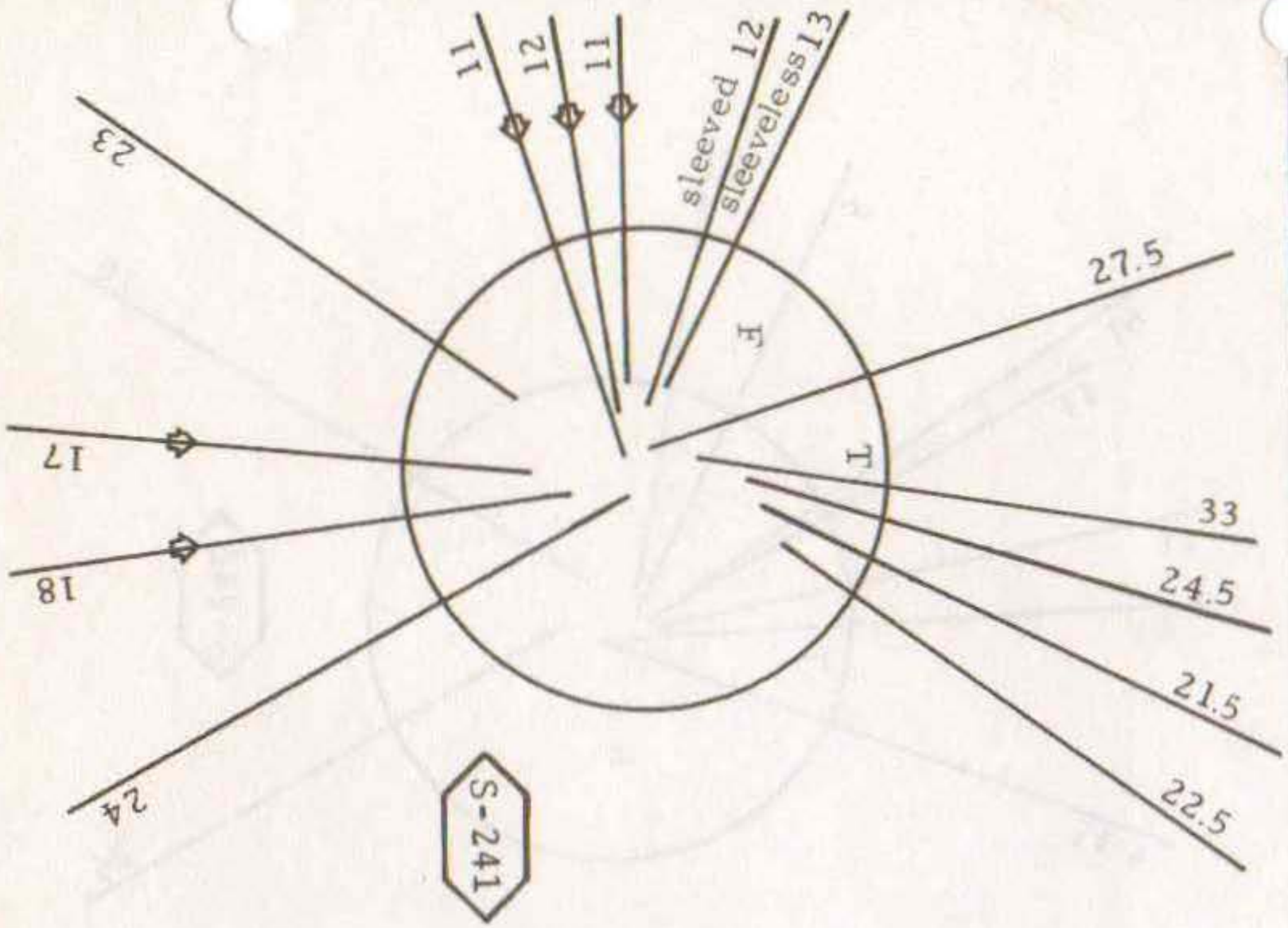
19.5
8
4.5
15
21
35


11
12
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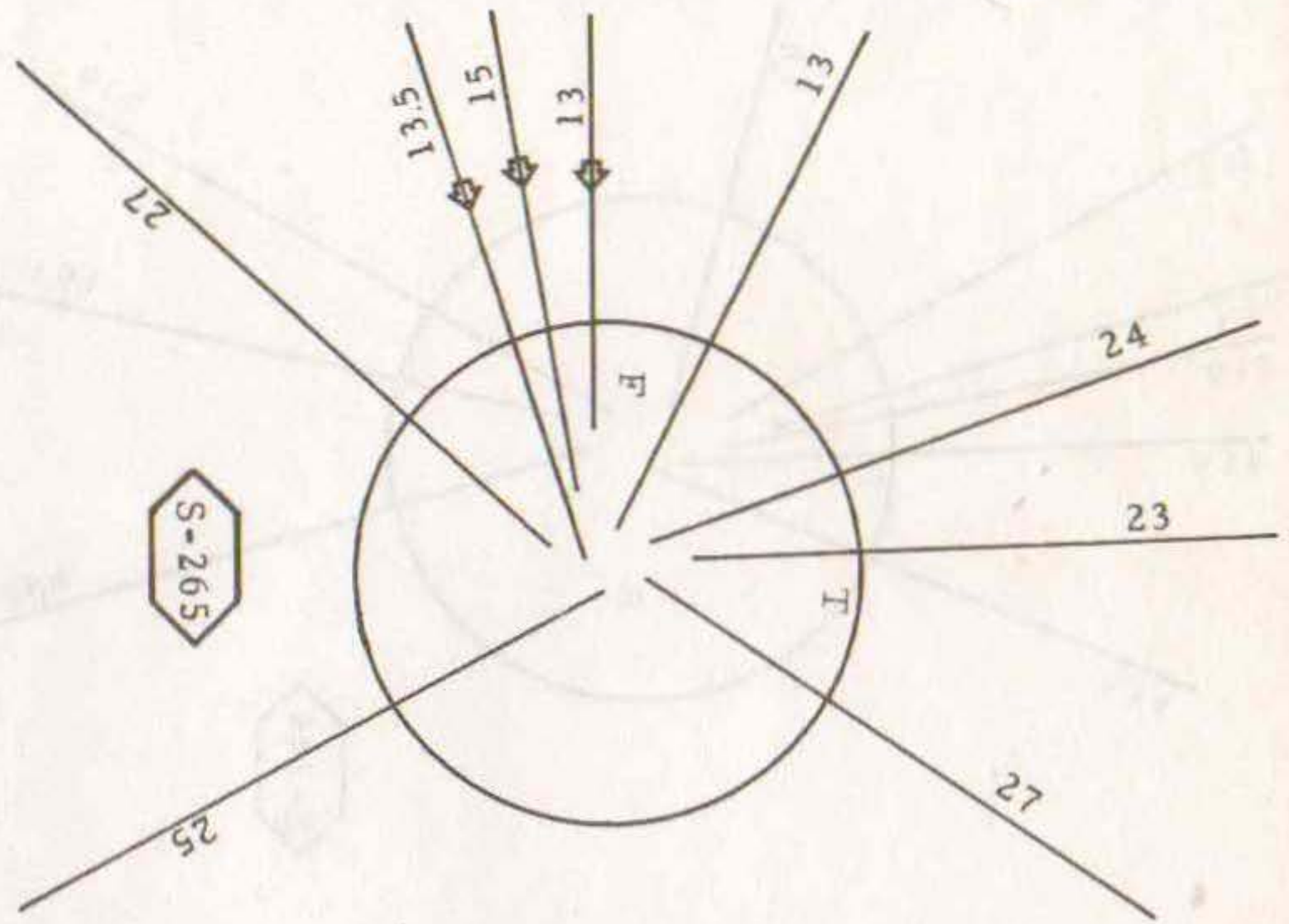
sleeved 12
sleeveless 13
23
27.5
F
T
17
33
18
24.5
21.5
24
22.5
S-241


13.5
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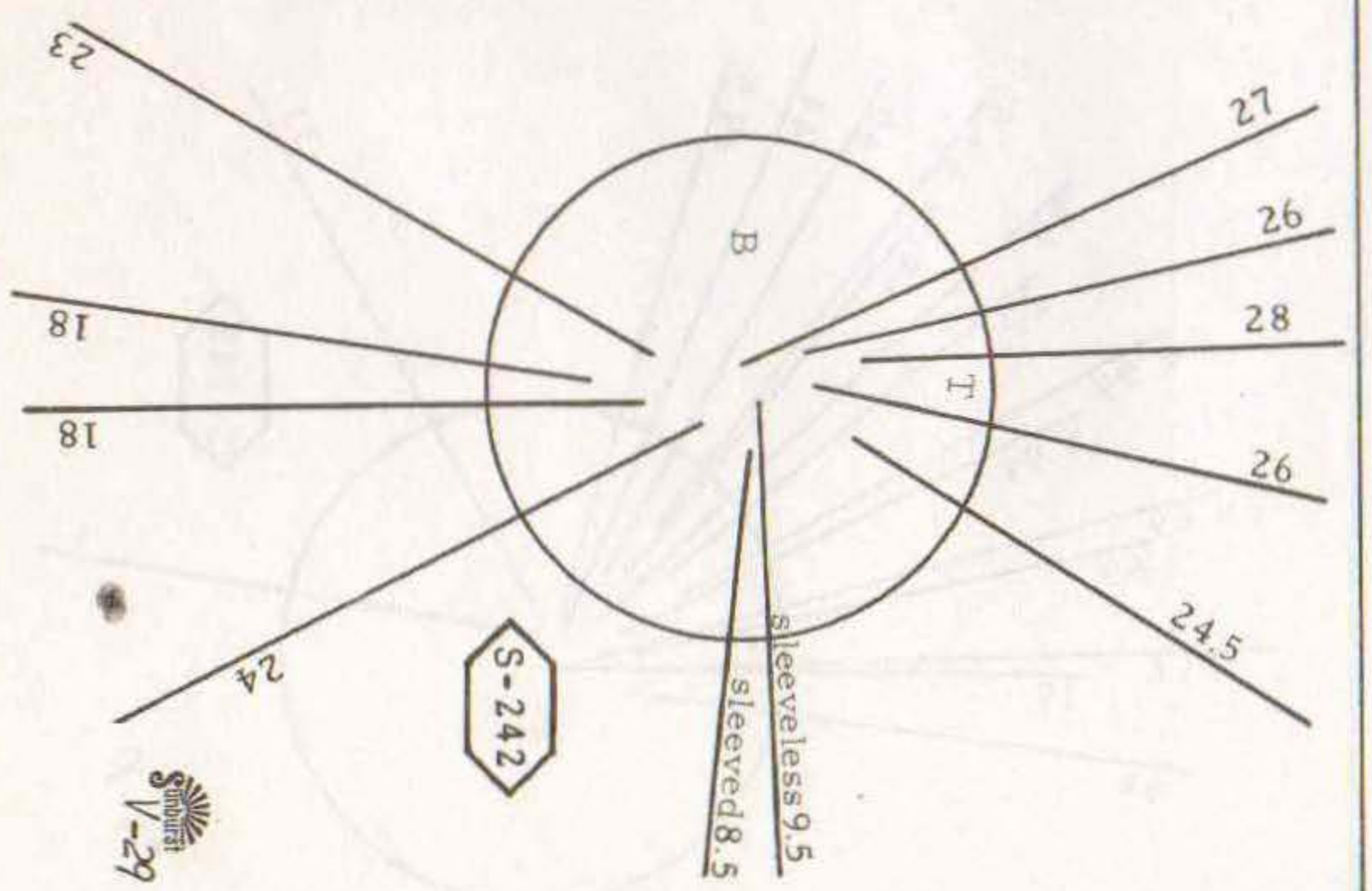
13
13
27
24
F
T
S-265
23
25
27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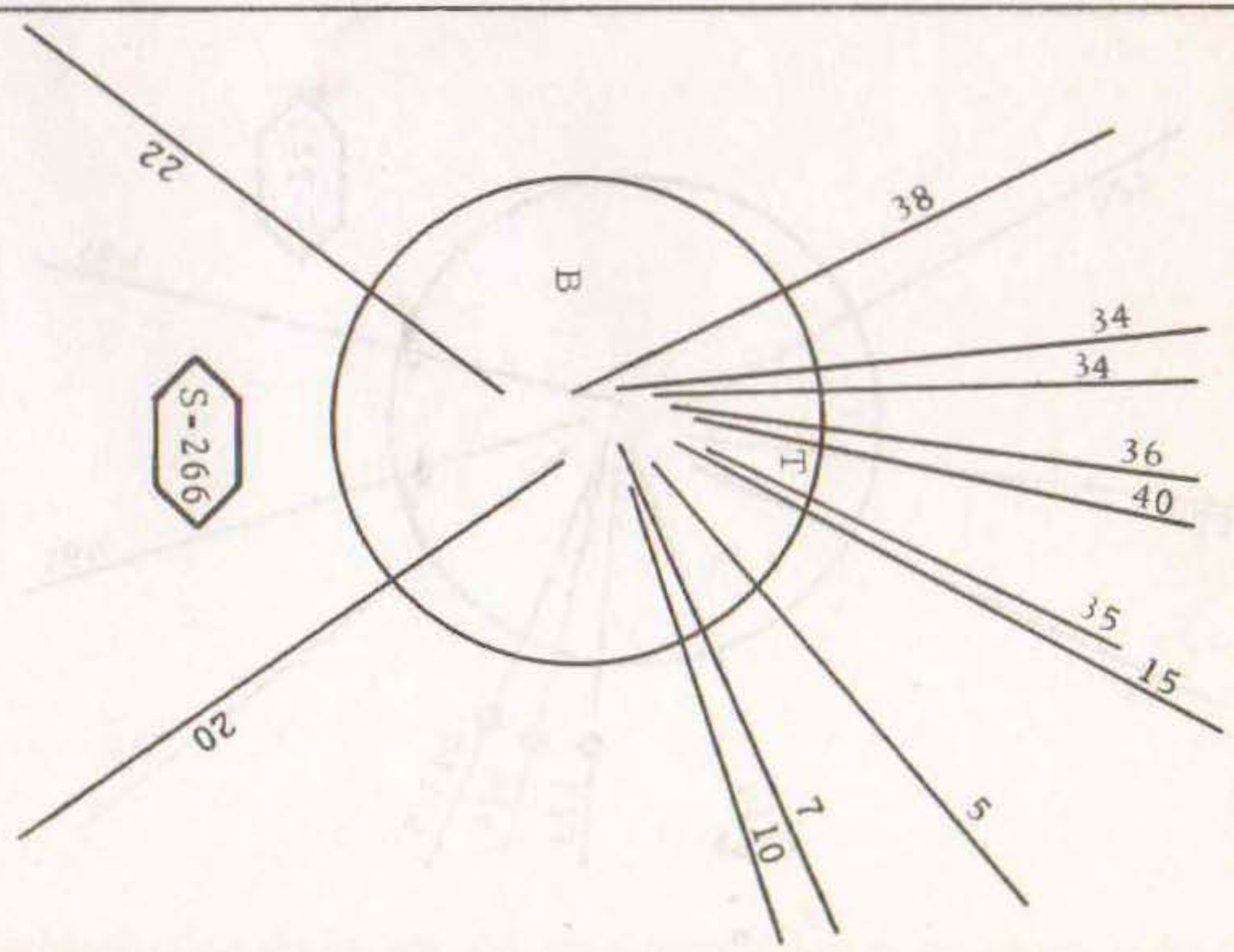
18
28
B
T
18
26
24.5
24
S-242
sleeveless 9.5
sleeved 8.5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S-266
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40
35
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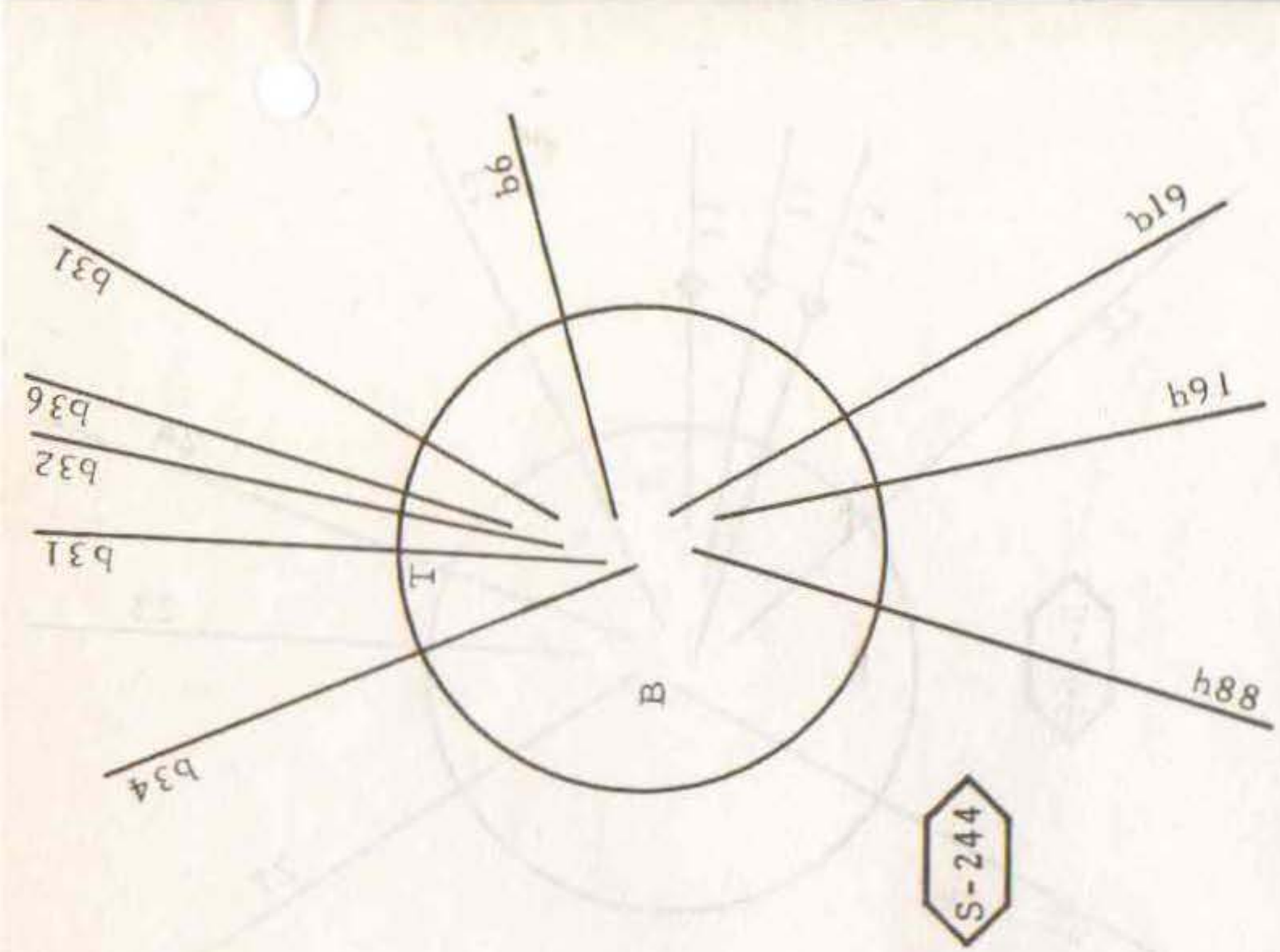
20
7
10
5


S-244
B
T
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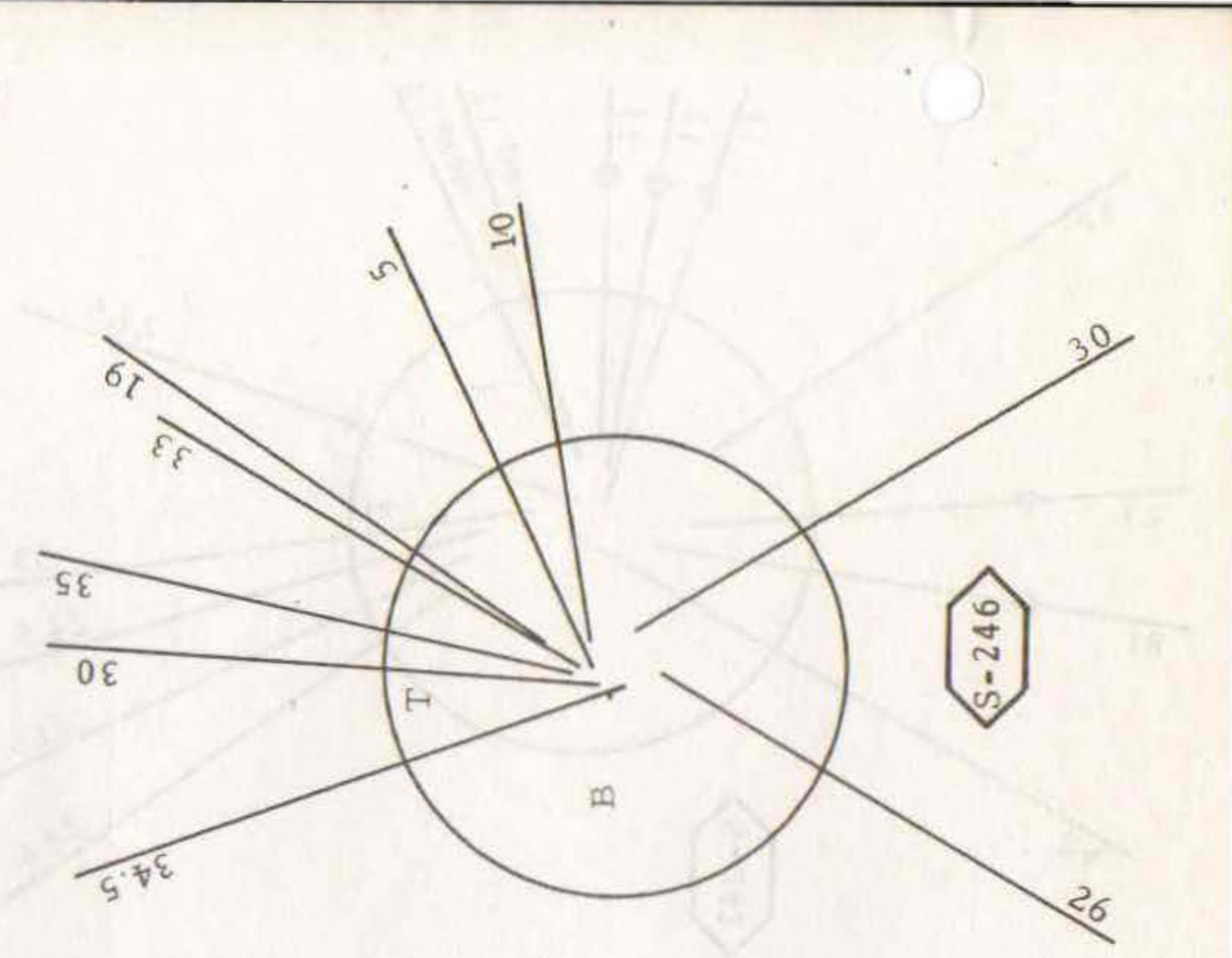
b31
b32
b36
b31
9q
61q
16q
88q


S-246
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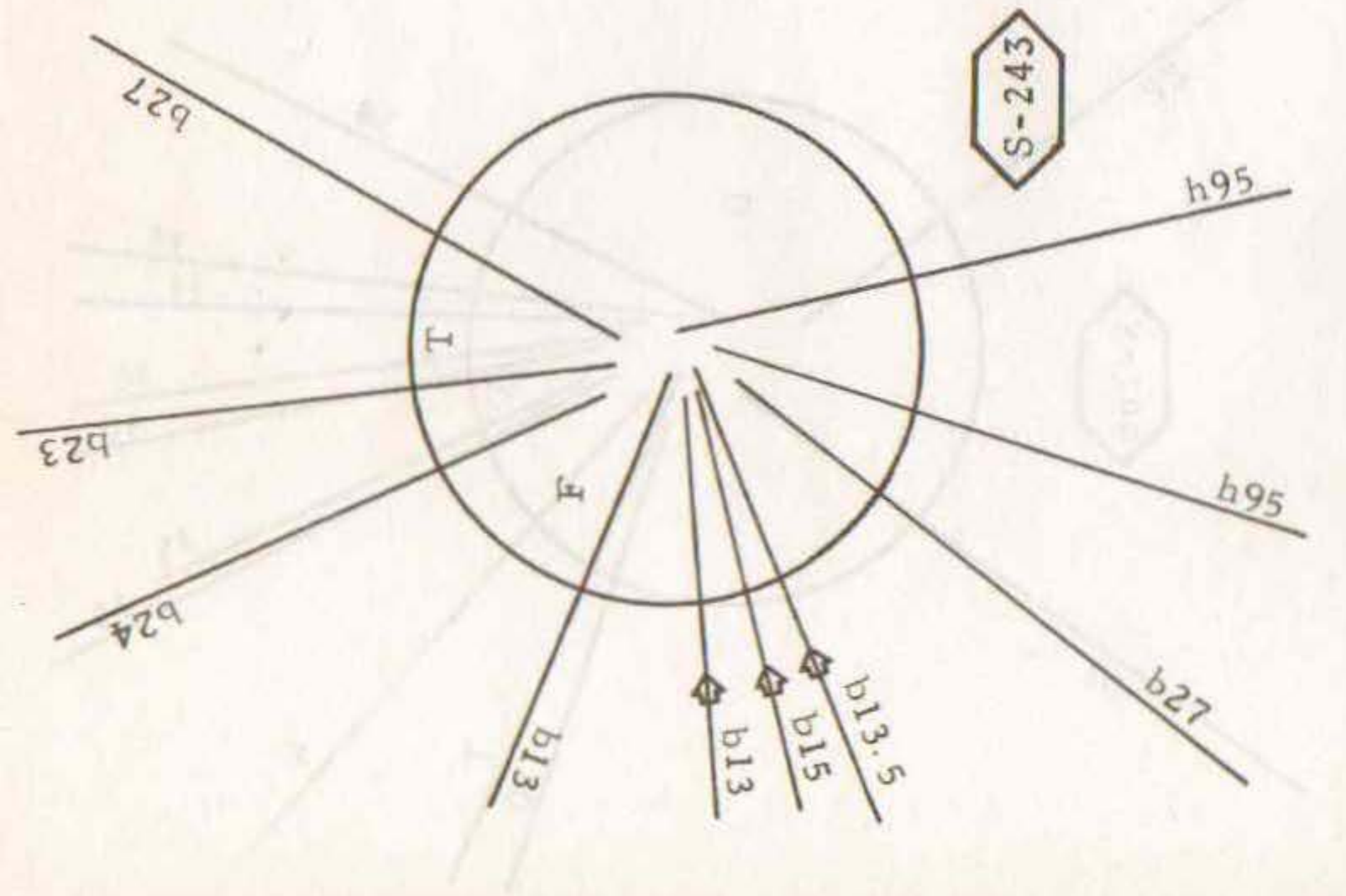
5
10
30
26


S-243
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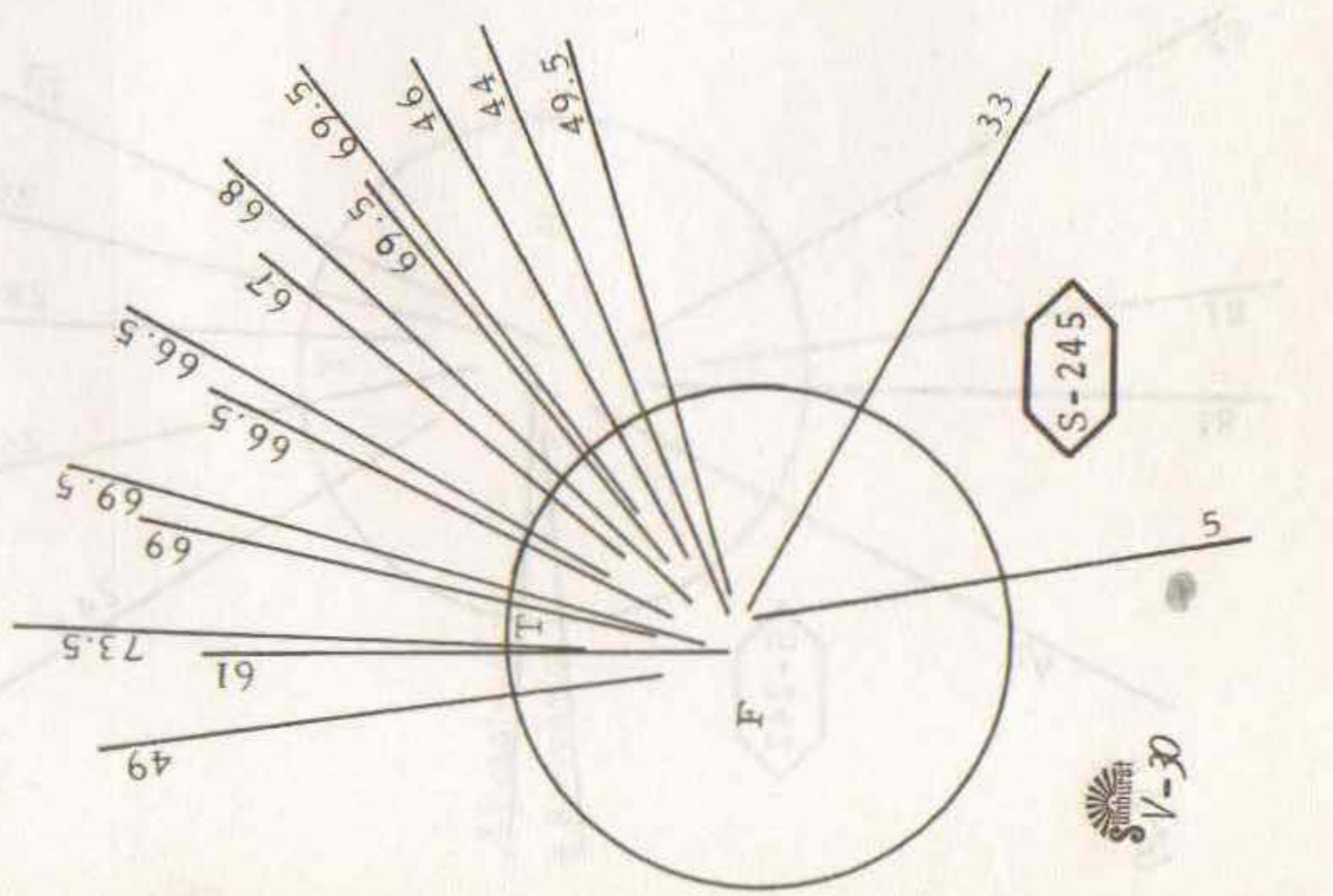
b23
b27
b13
b13
b15
b13.5
b27
h95
b95


S-245
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66.5
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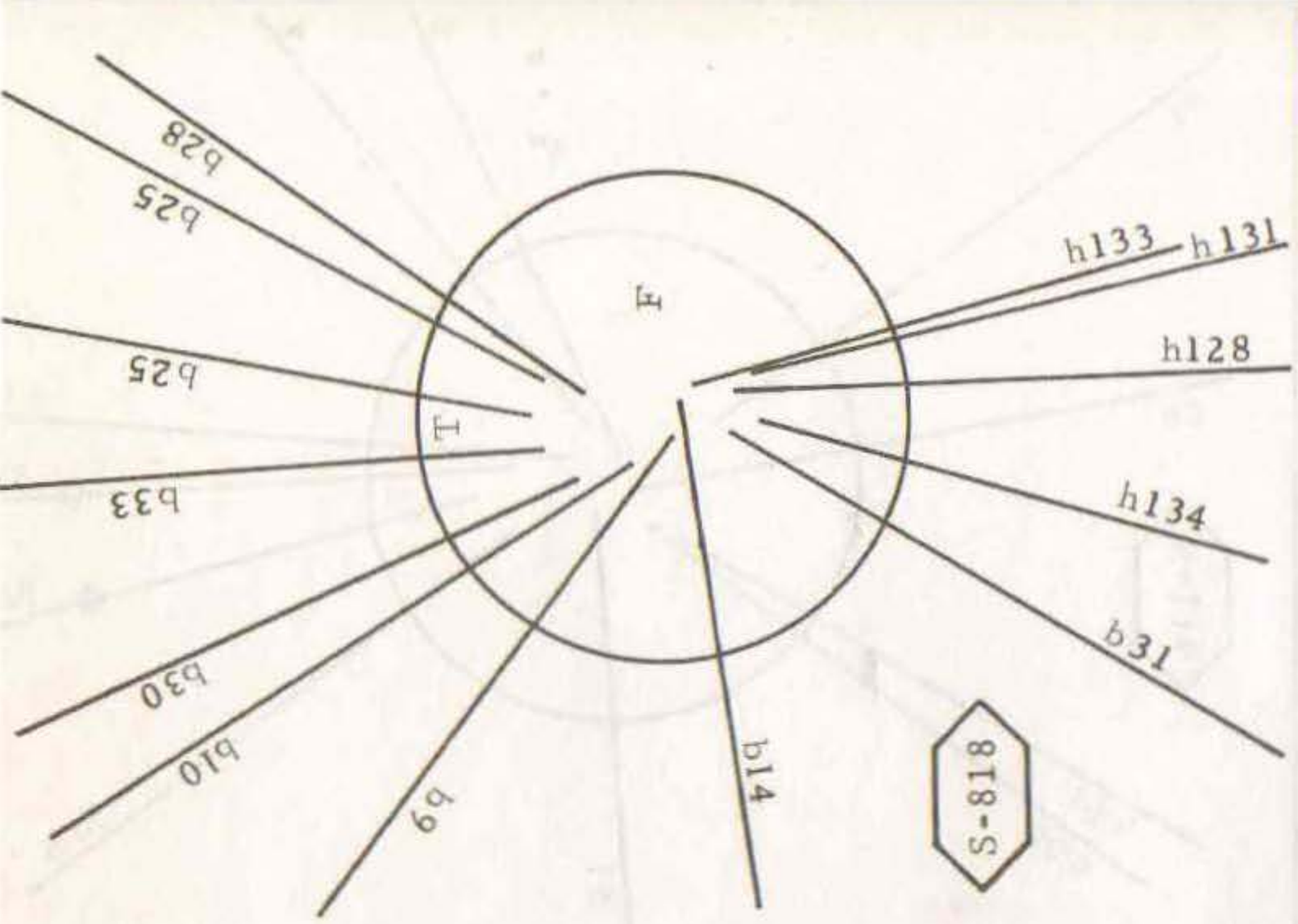
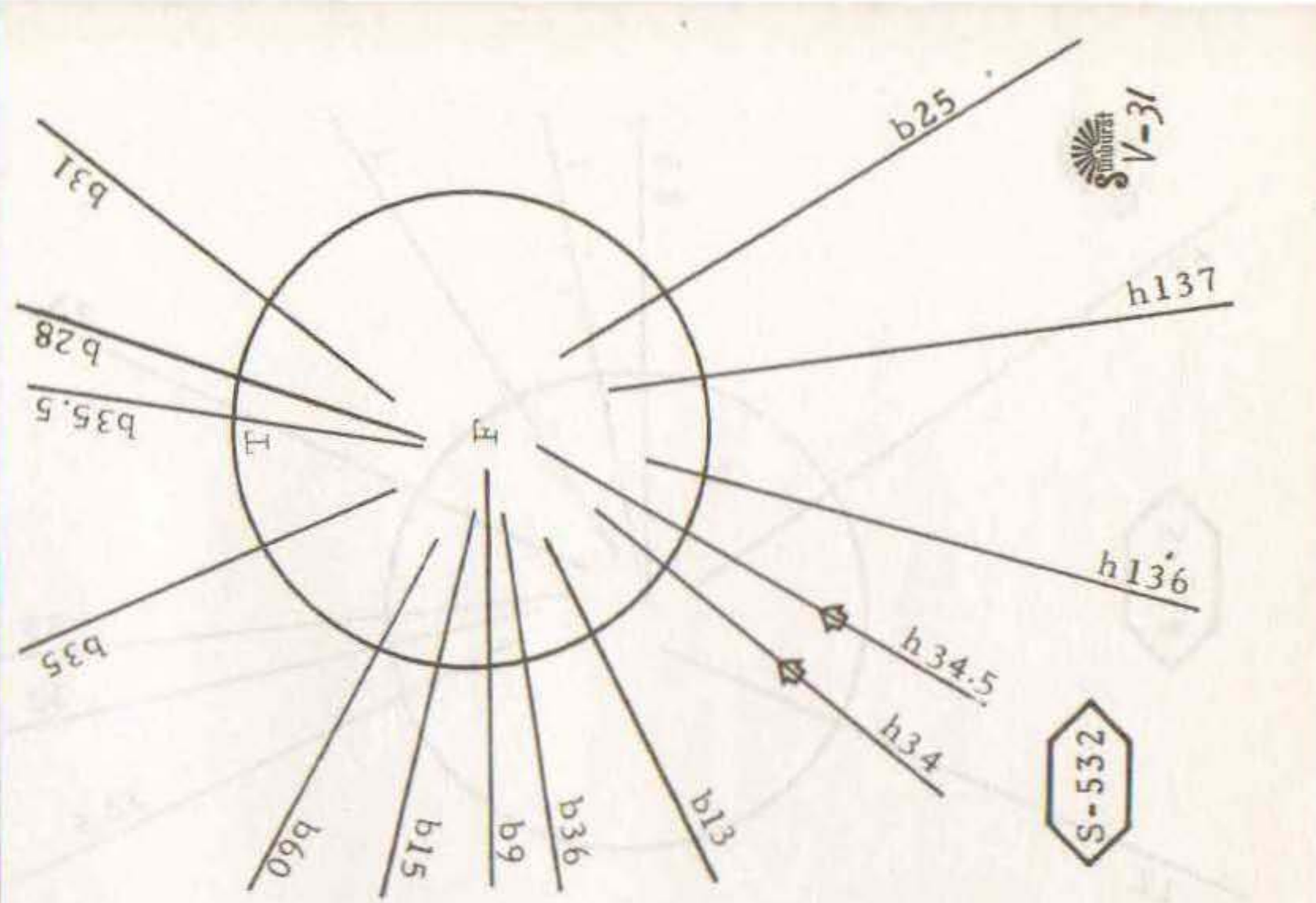
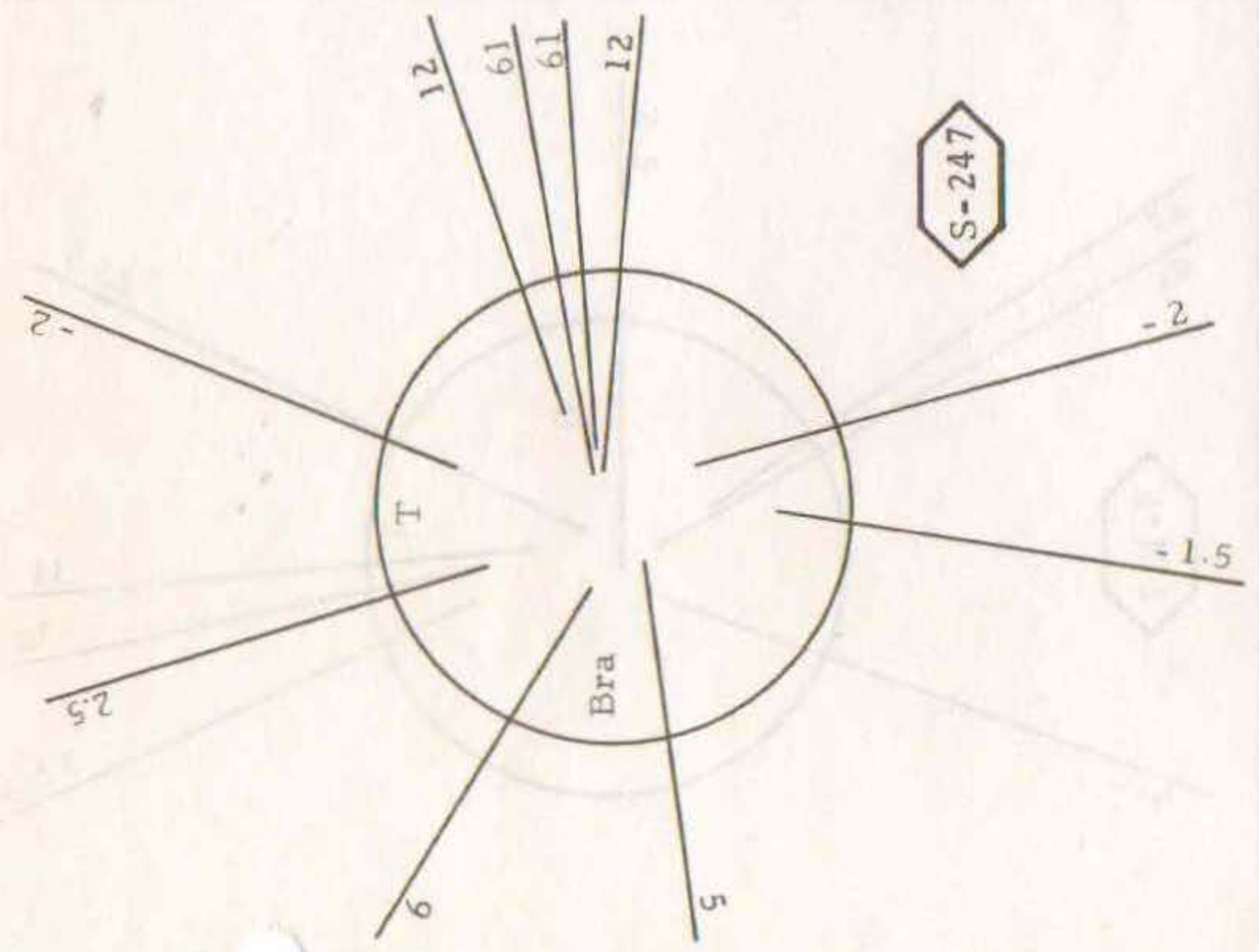
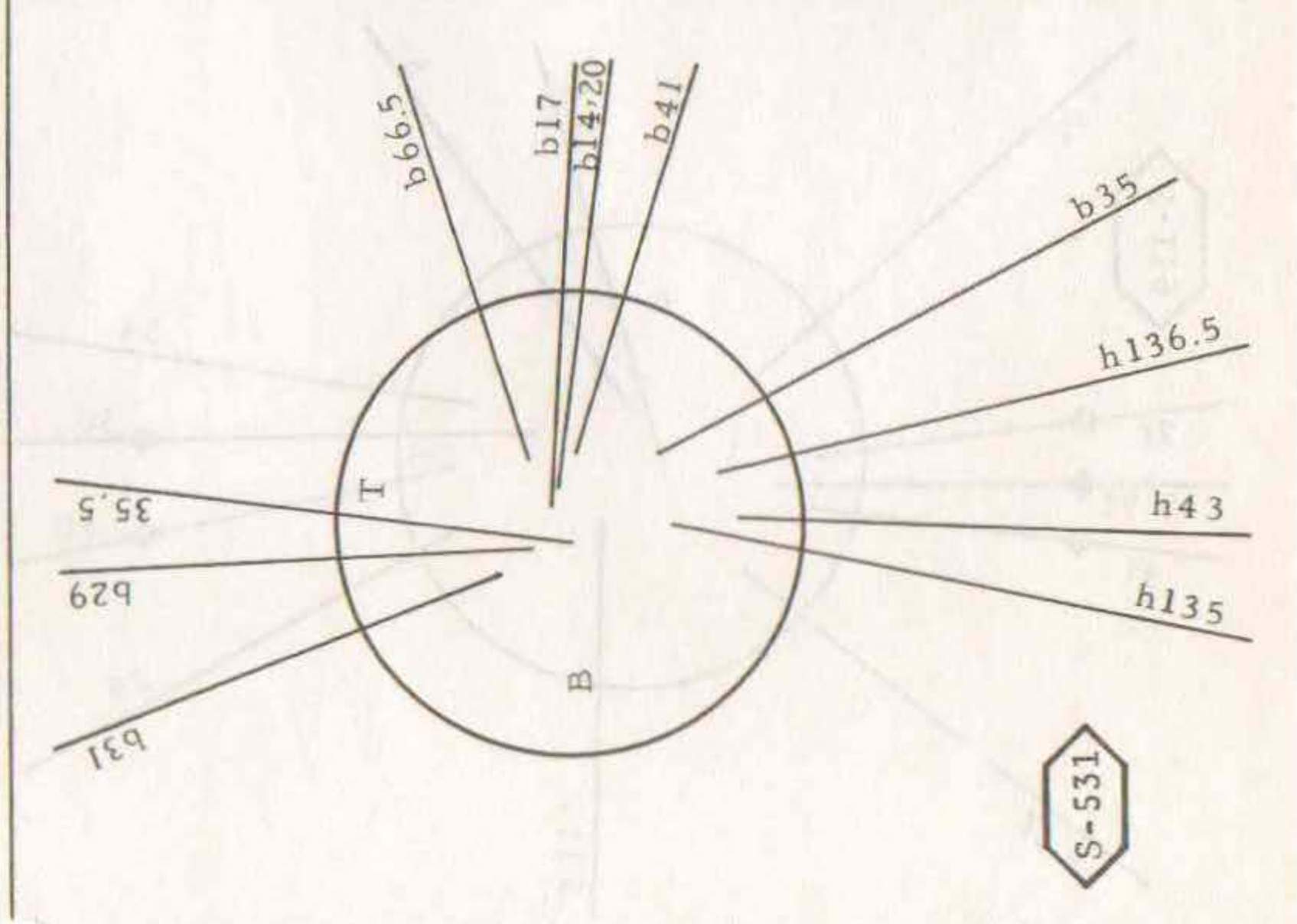
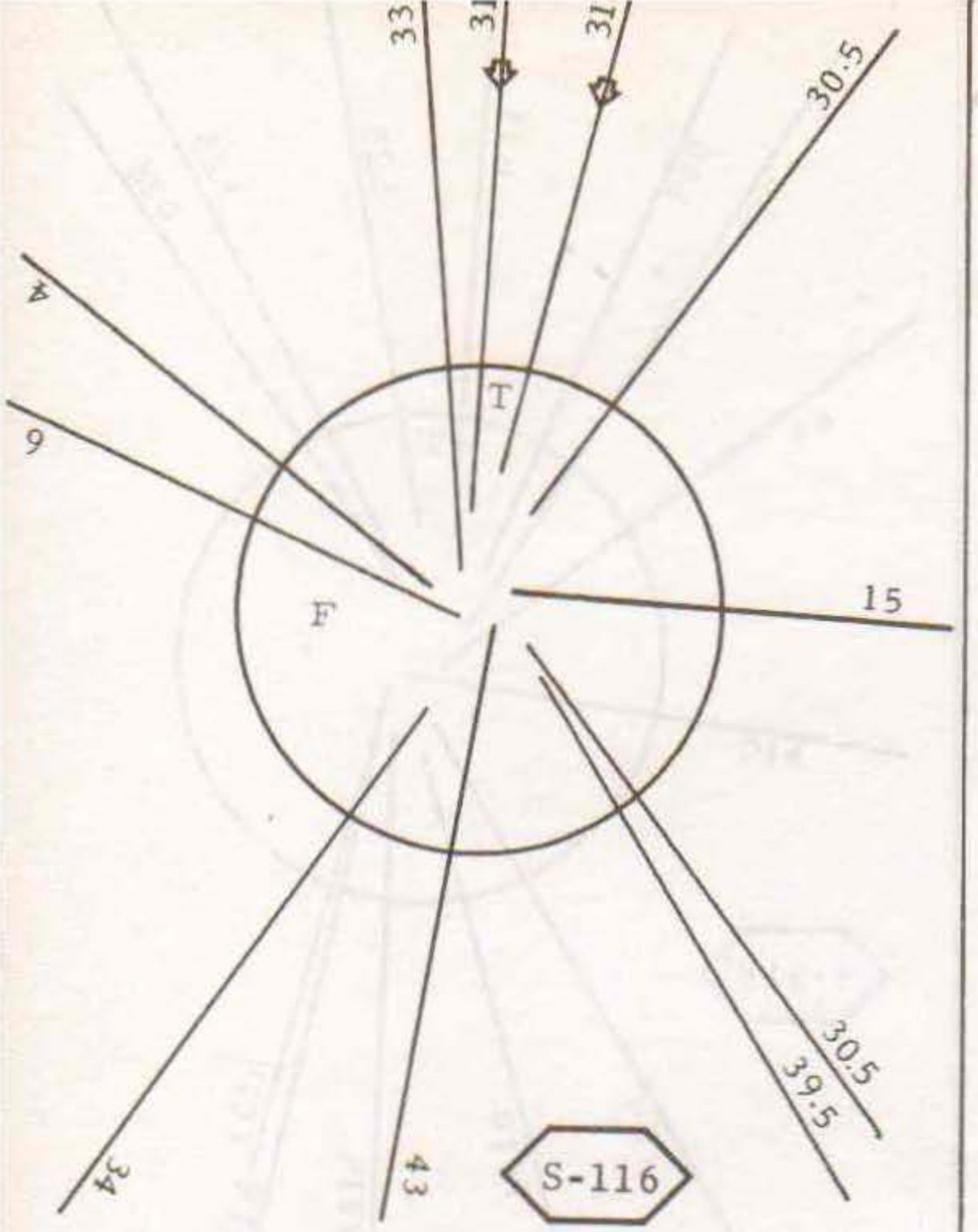
69.5
69.5
46
44
49.5
33
5

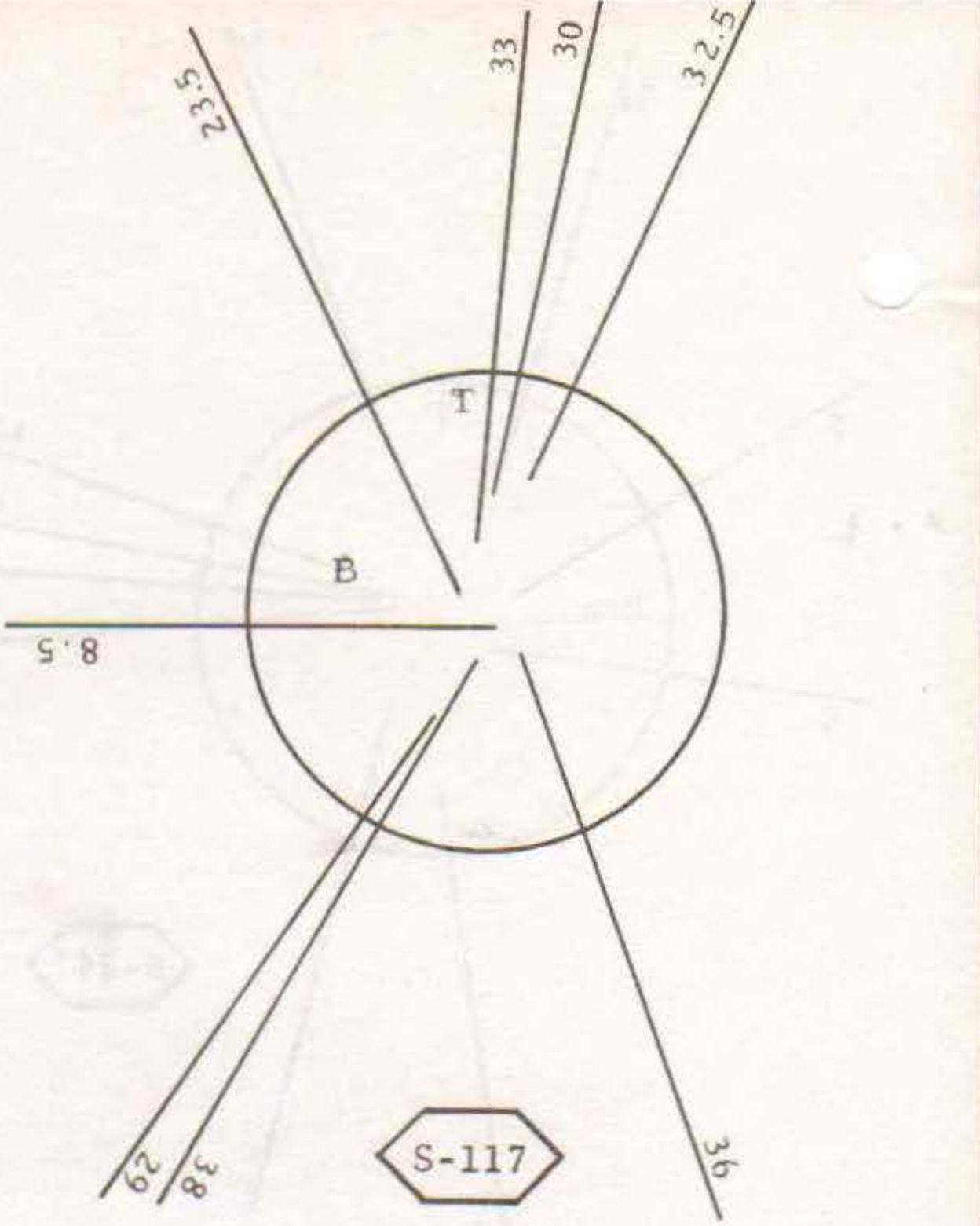

F
T
h133
h131
h128
h134
b31
b14
b9
b10
b30
b33
b25
b28
S-818

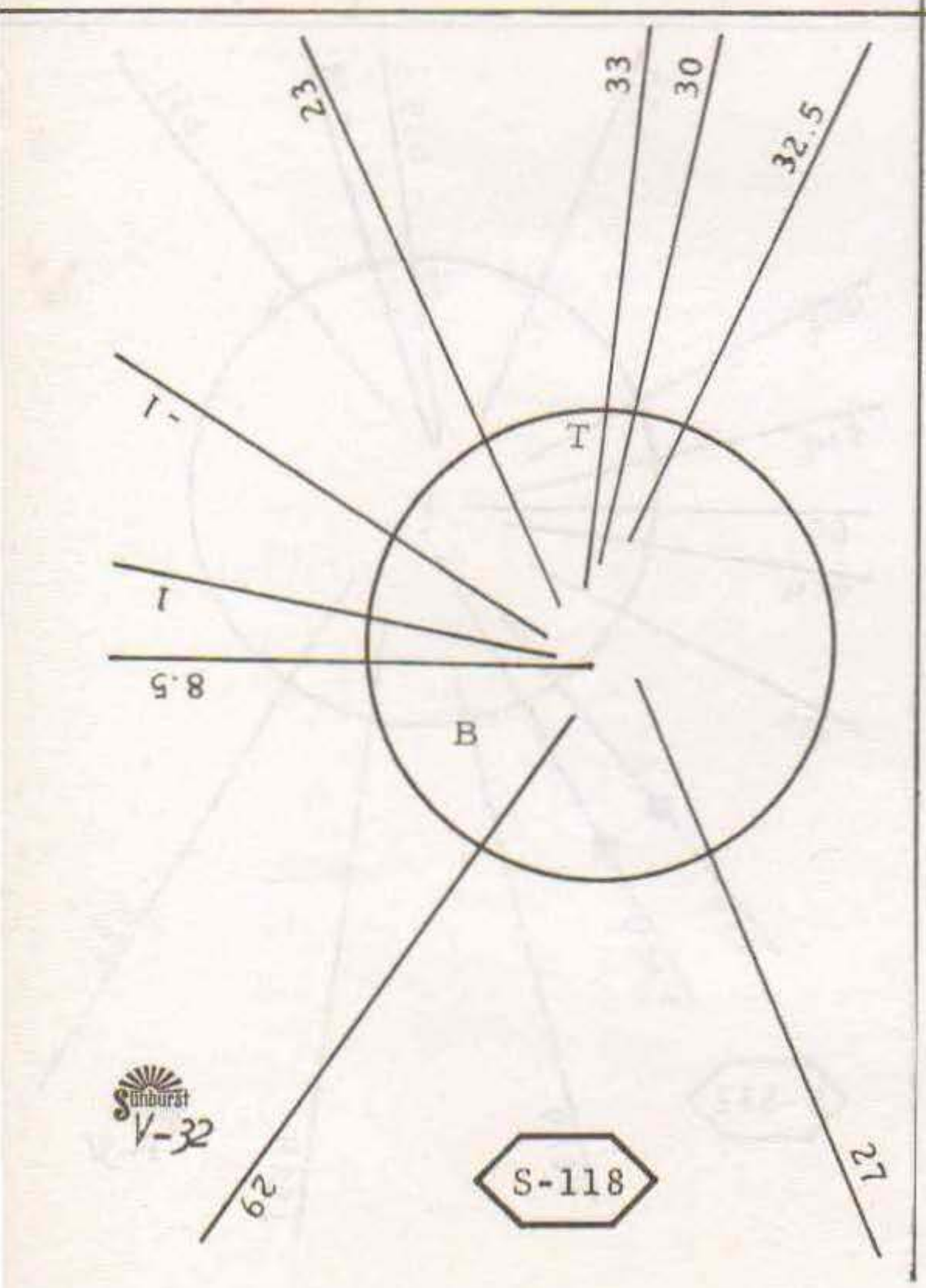

F
T
b25
h137
h136
h34.5
h34
b13
b36
b9
b15
b60
b35
b35.5
b28
b31
S-532

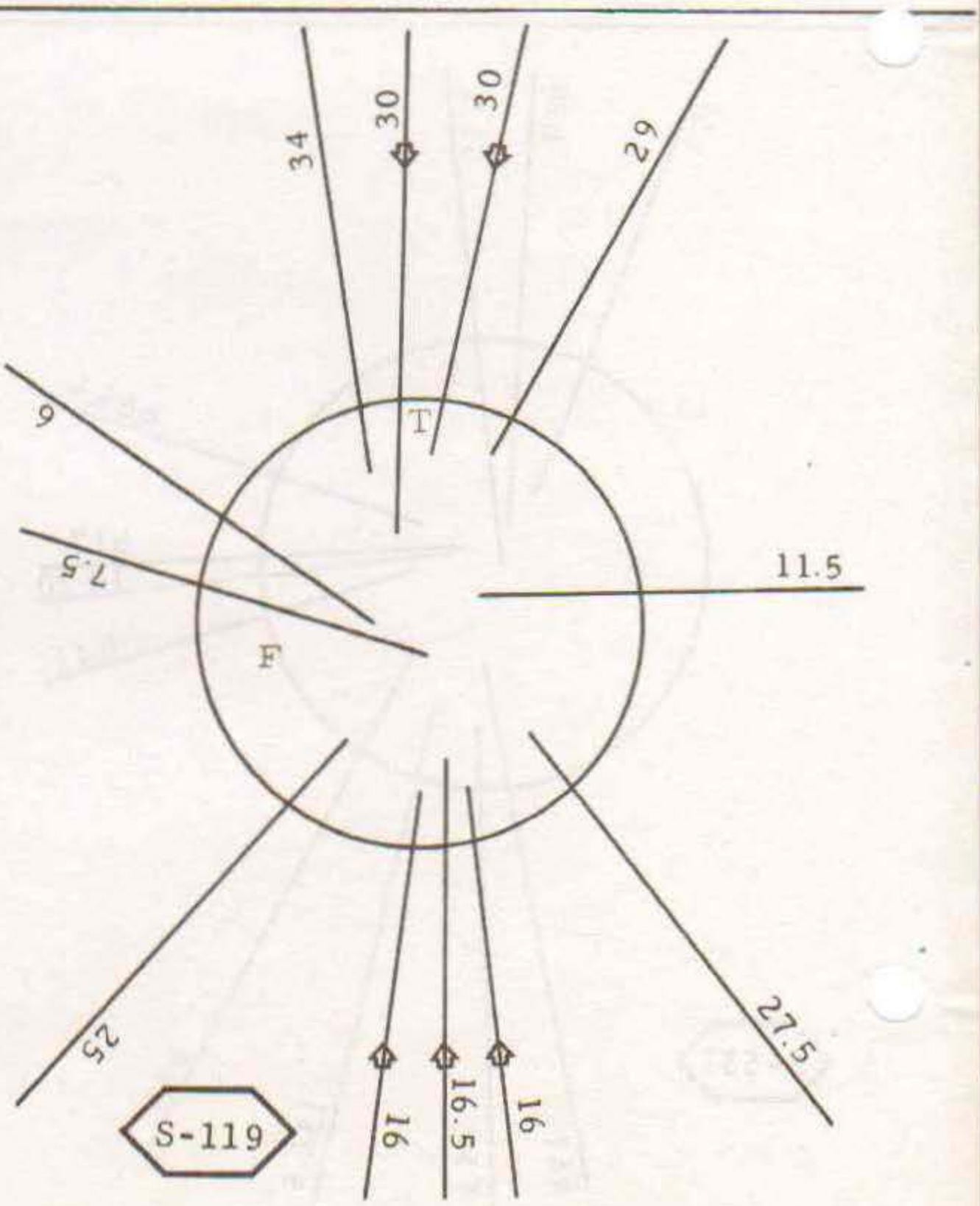

T
Bra
12
61
61
12
-2
-1.5
2.5
9
5
S-247


T
B
b66.5
b17
b14.20
b41
b35
h136.5
h43
h135
35.5
b29
b31
S-531

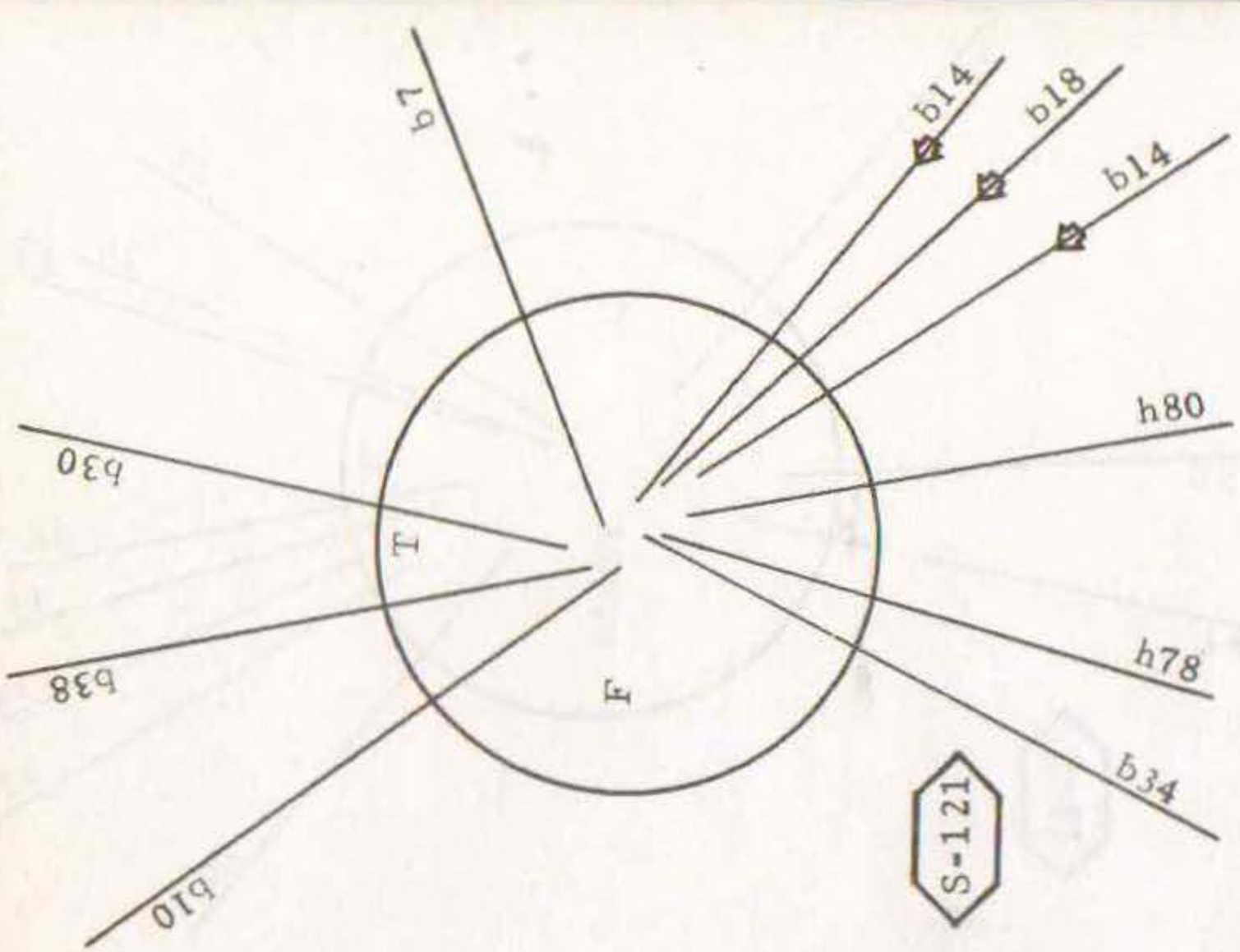


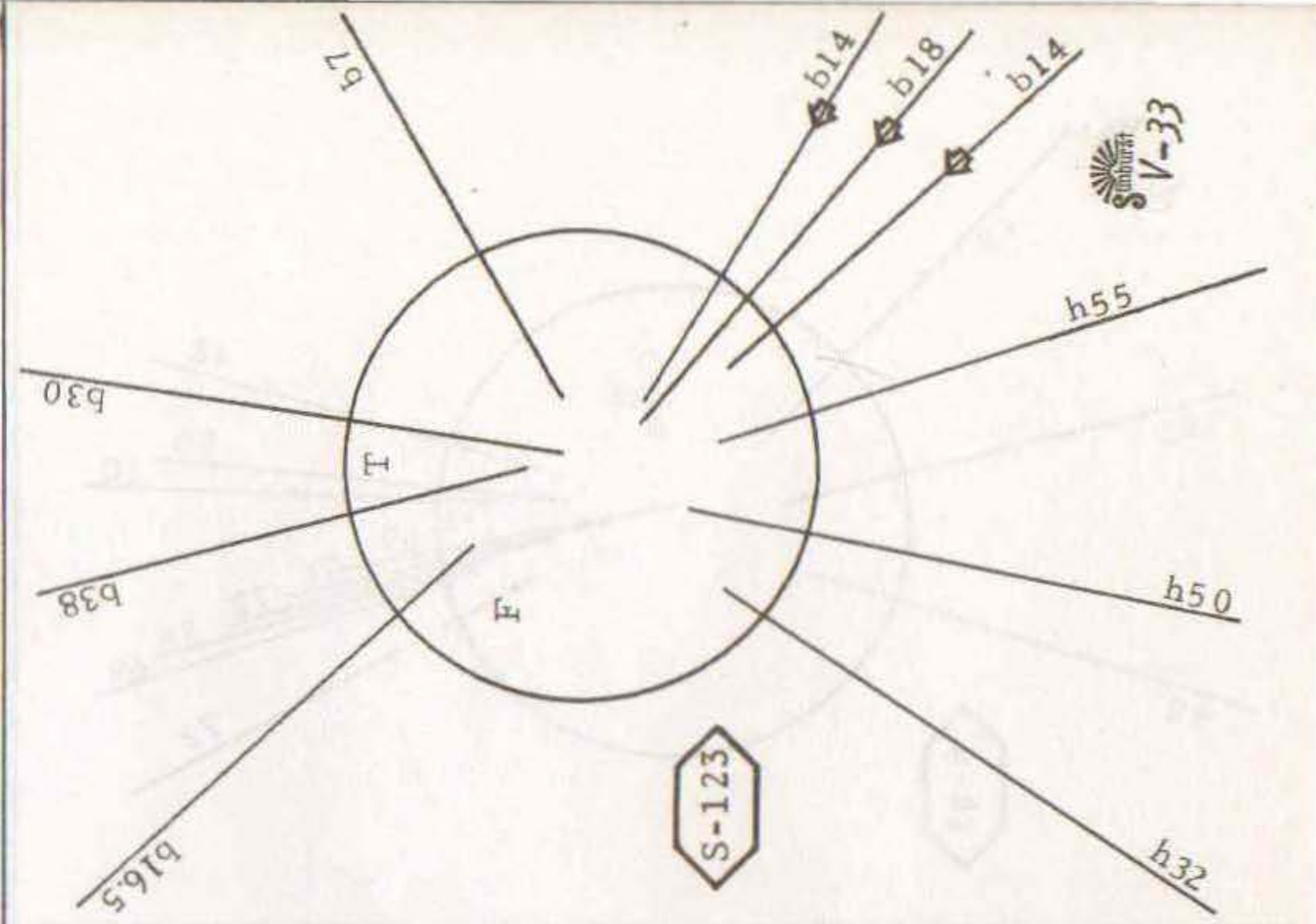



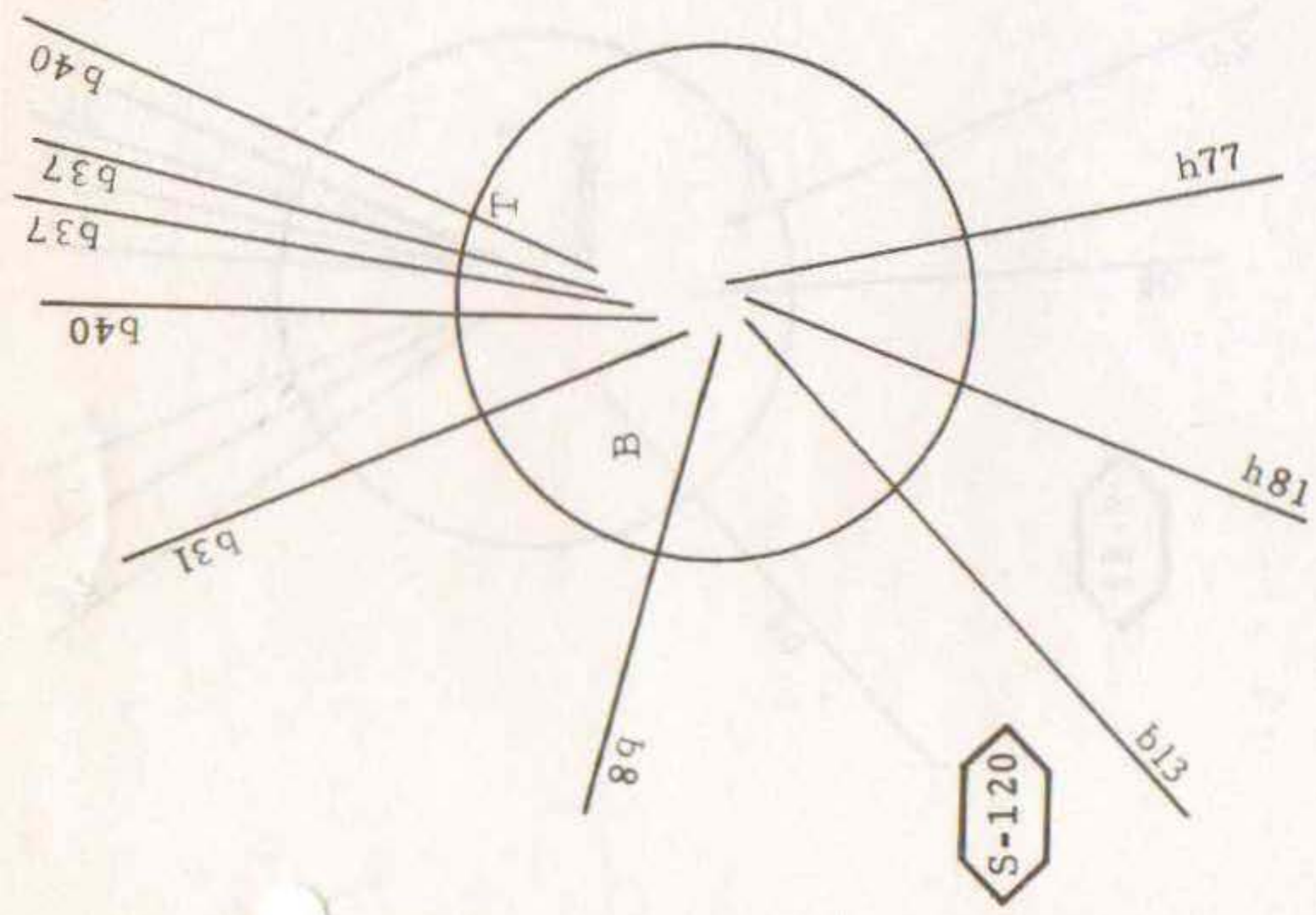



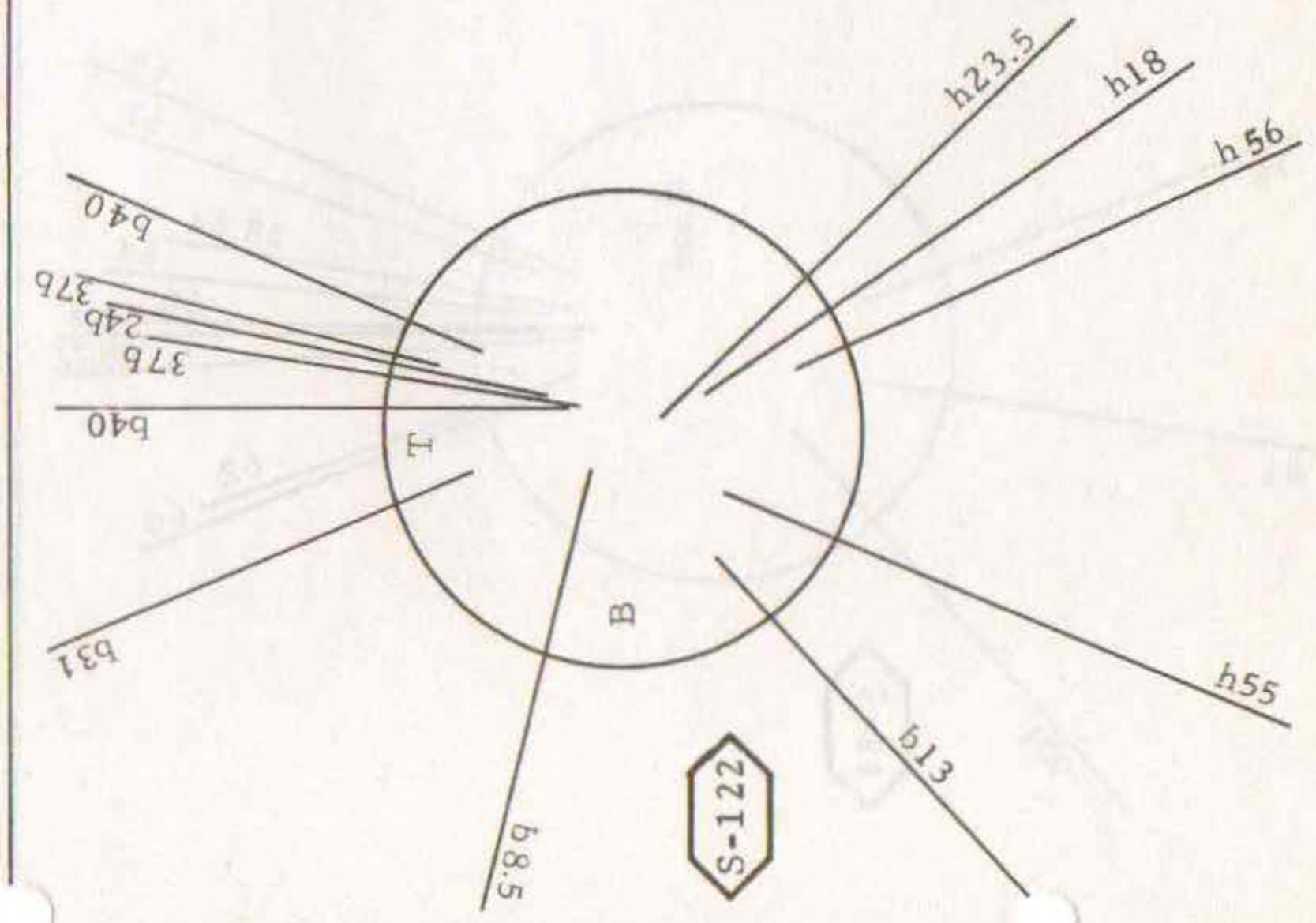



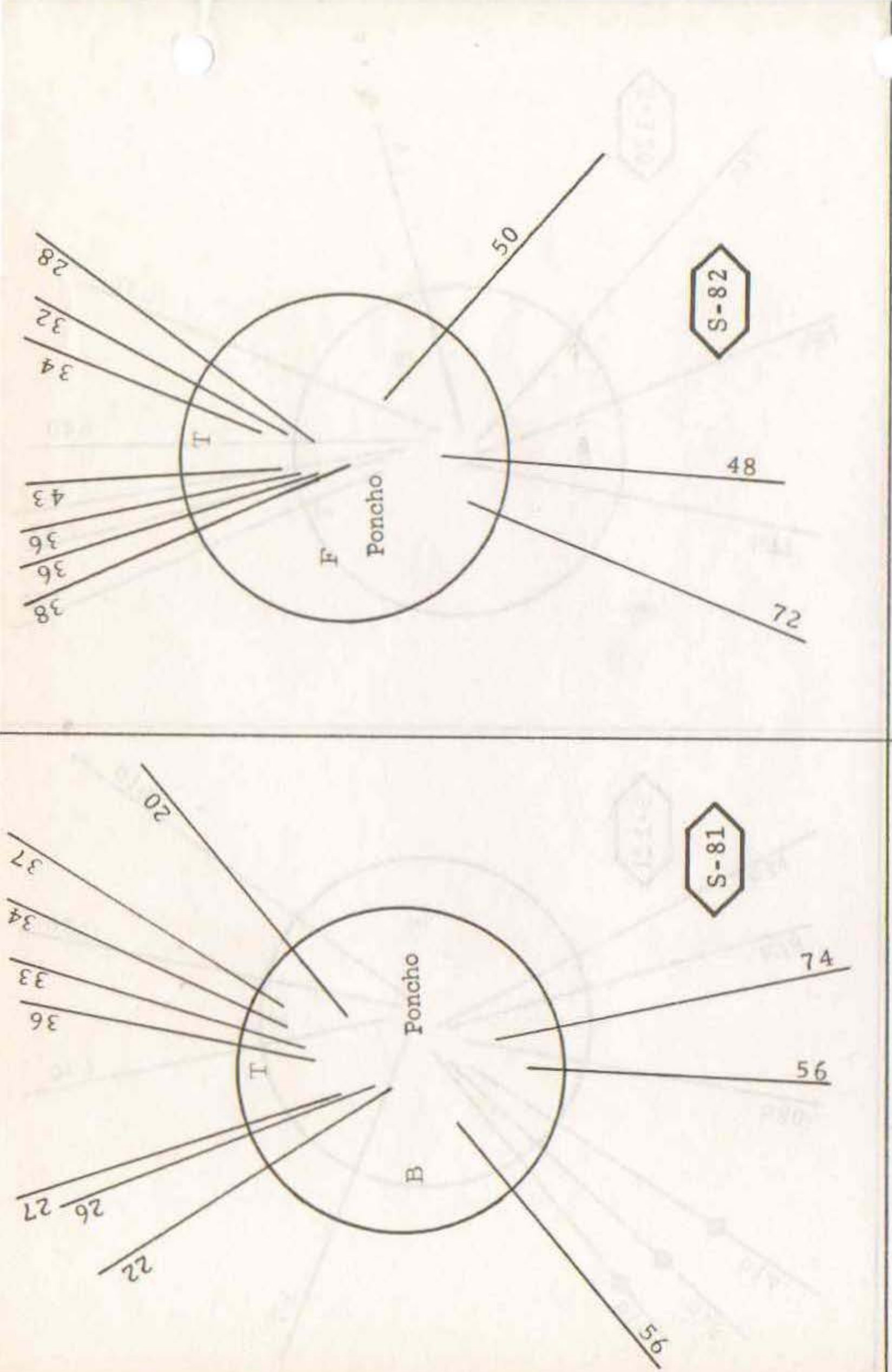

Sunburst
V-32

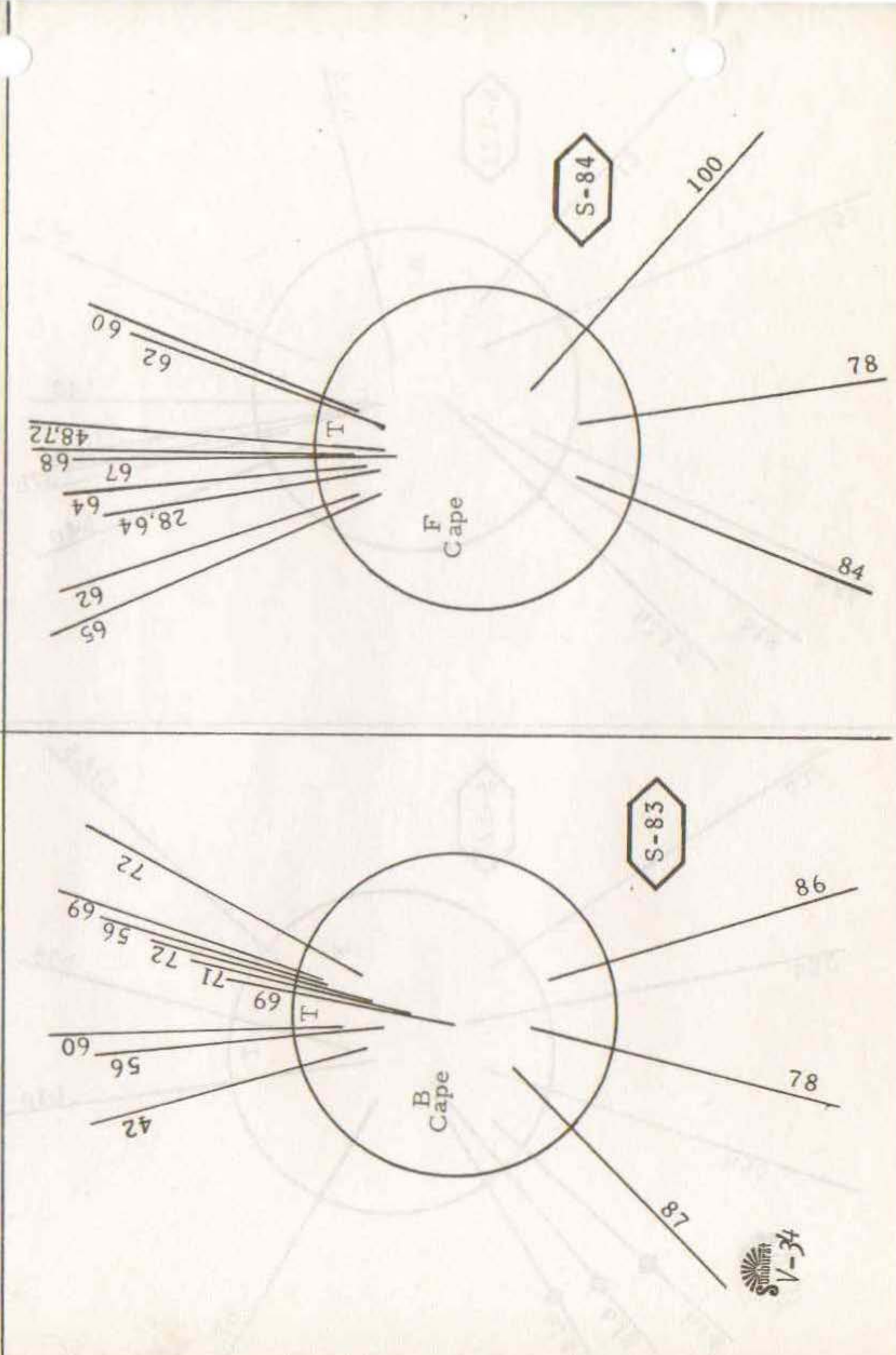

b7
b14
b18
b14
h80
b30
T
b38
h78
F
b34
b10
S-121


b7
b14
b18
b14
1-33
h55
b30
T
b38
h50
F
b16.5
S-123
h32


b40
b37
b37
h77
H
b40
h81
B
b31
b8
b13
S-120

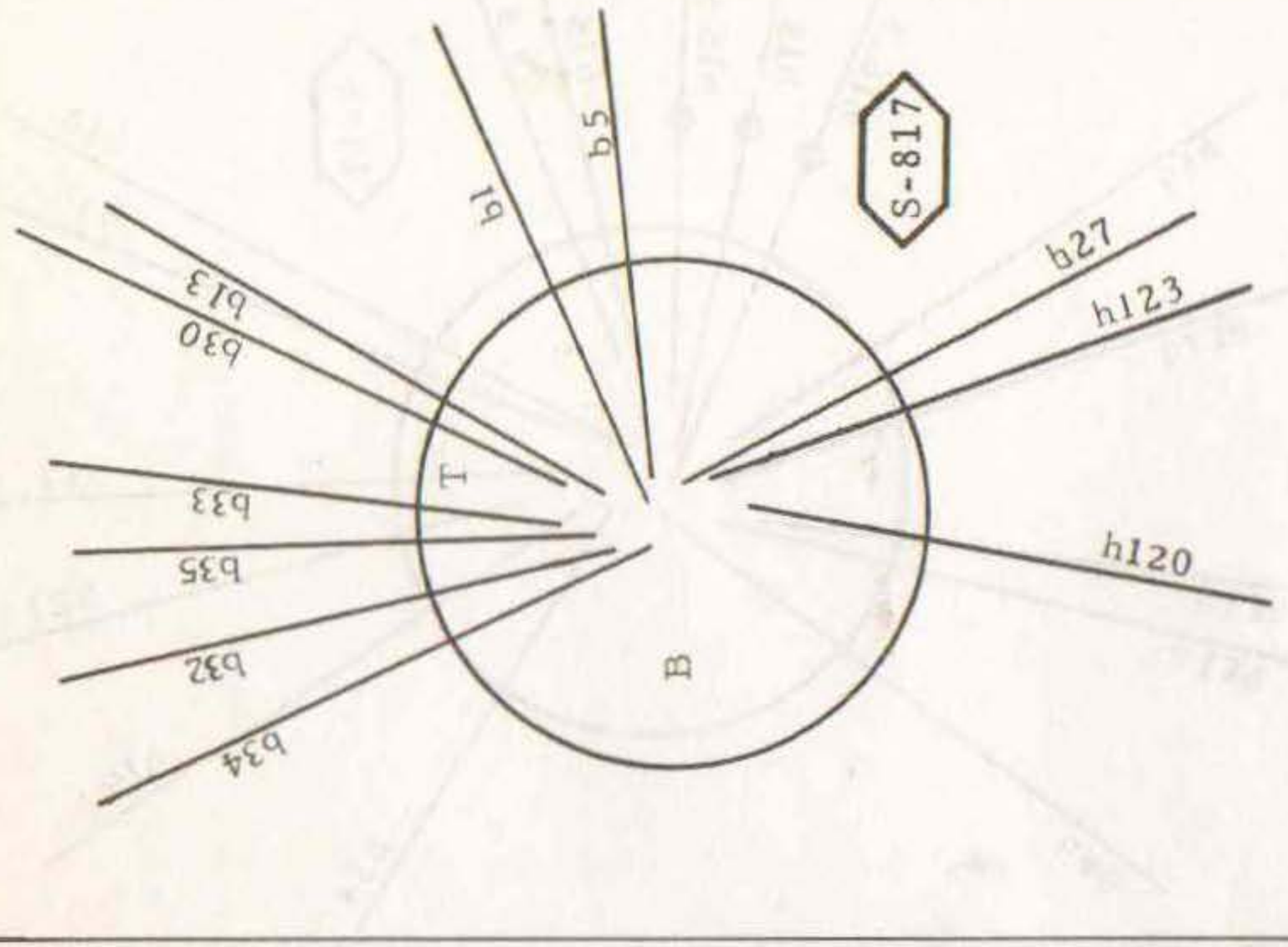

h23.5
h18
h56
b40
37b
24b
37b
b40
T
h55
B
b31
b13
b8.5
S-122

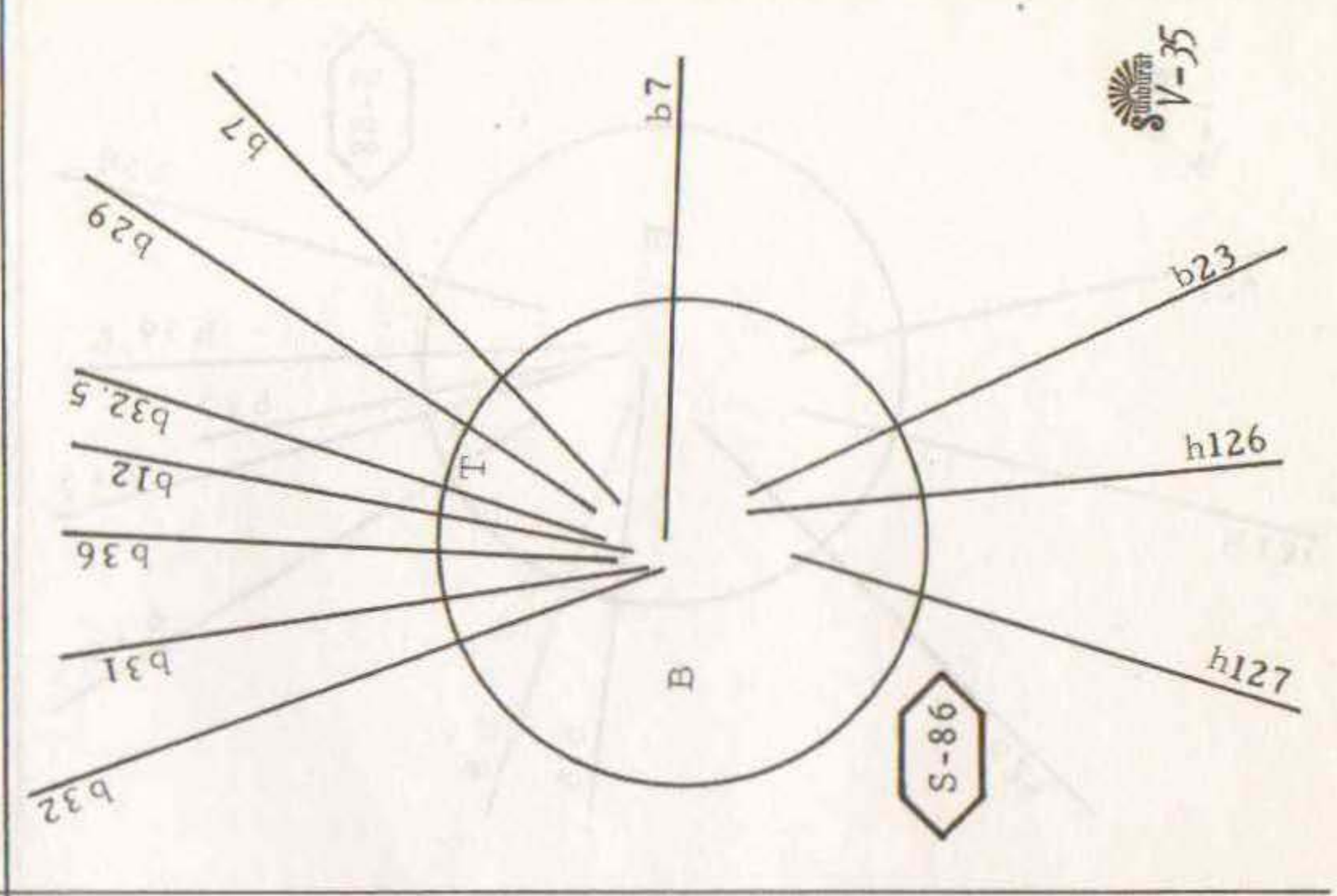

S-82
50
28
32
34
T
43
36
36
38
F
Poncho
48
72

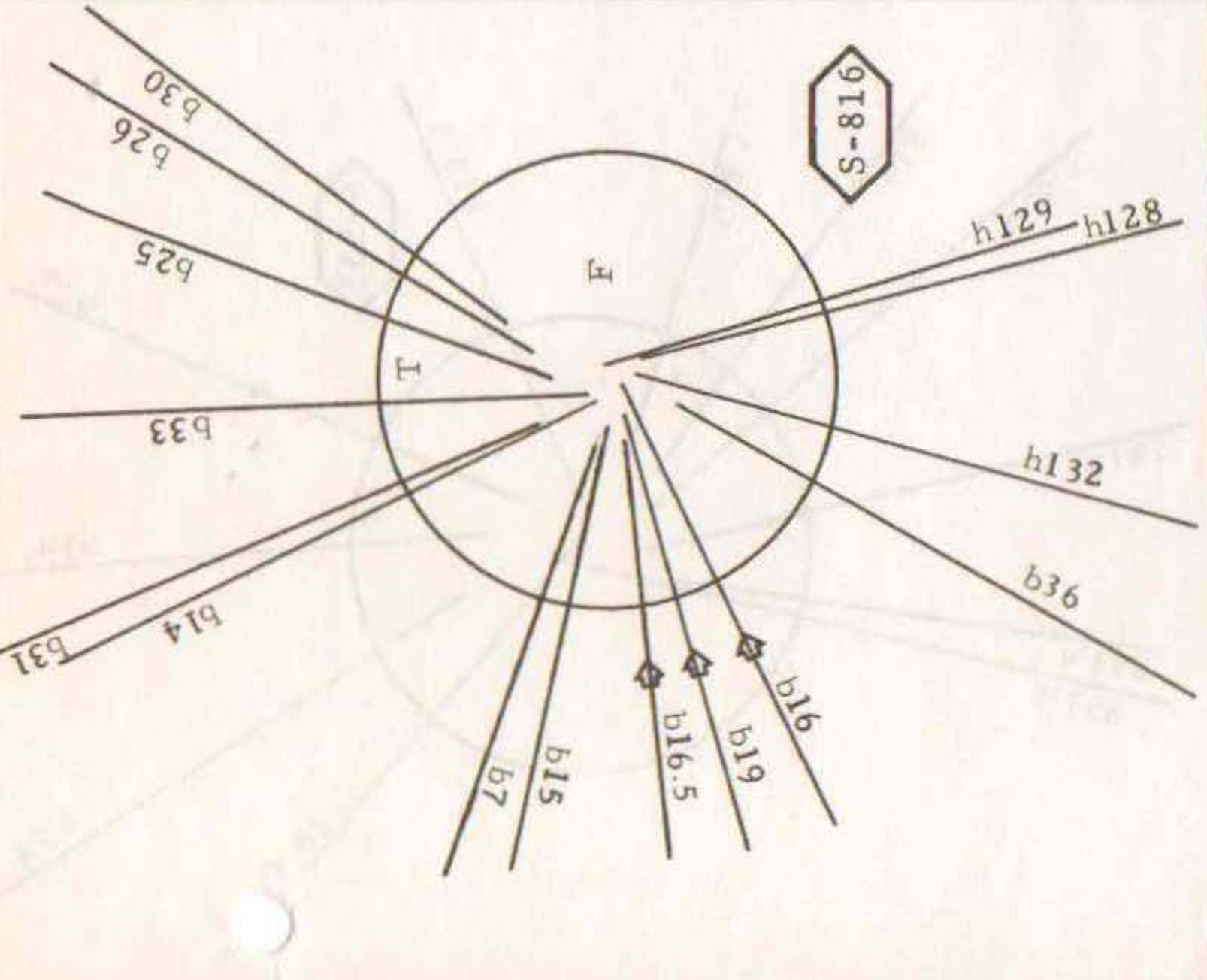

S-84
100
60
62
T
48,72
68
67
64
28,64
65
62
F
Cape
78
84

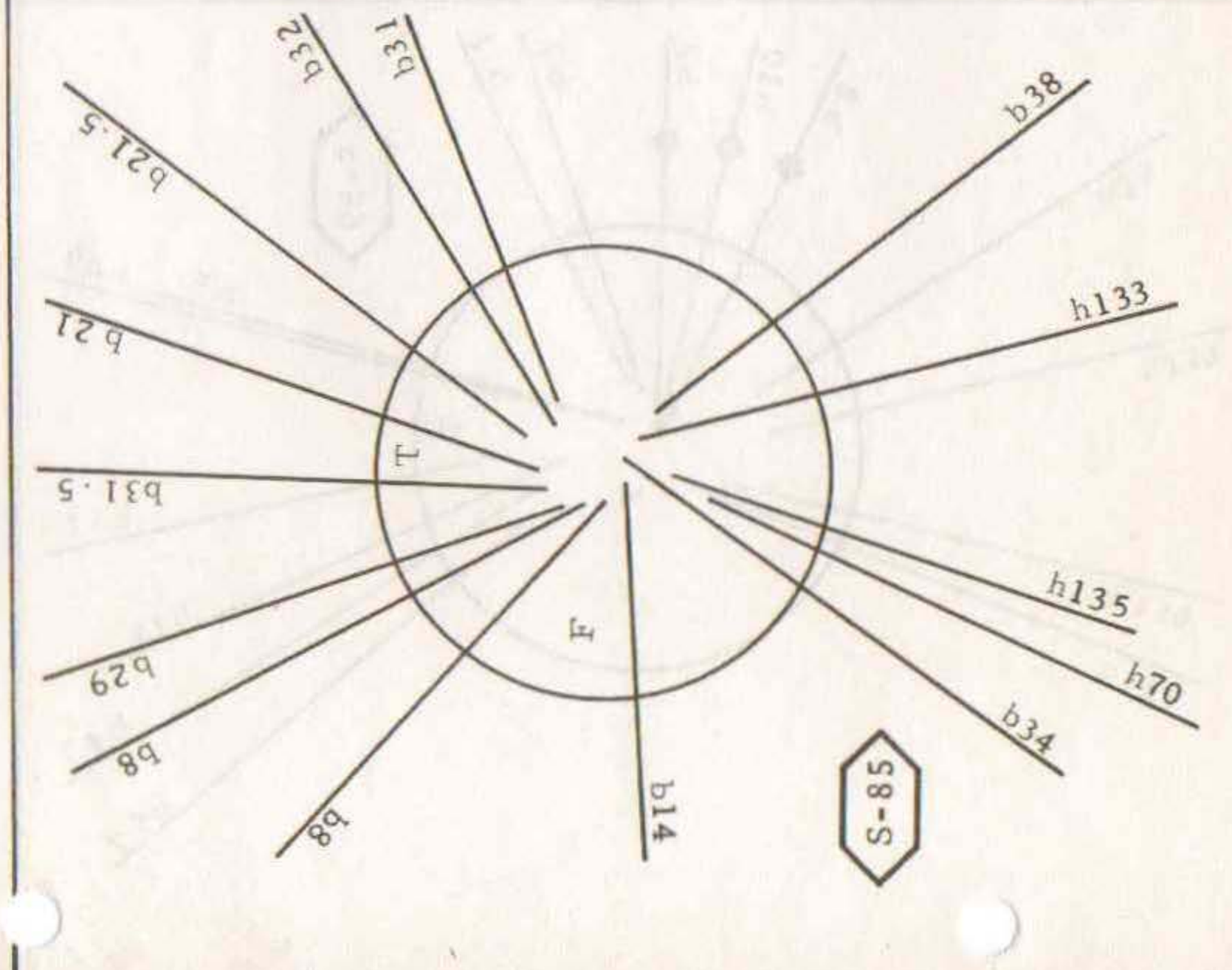

S-81
20
37
34
33
36
T
Poncho
B
74
56
27
26
22
56

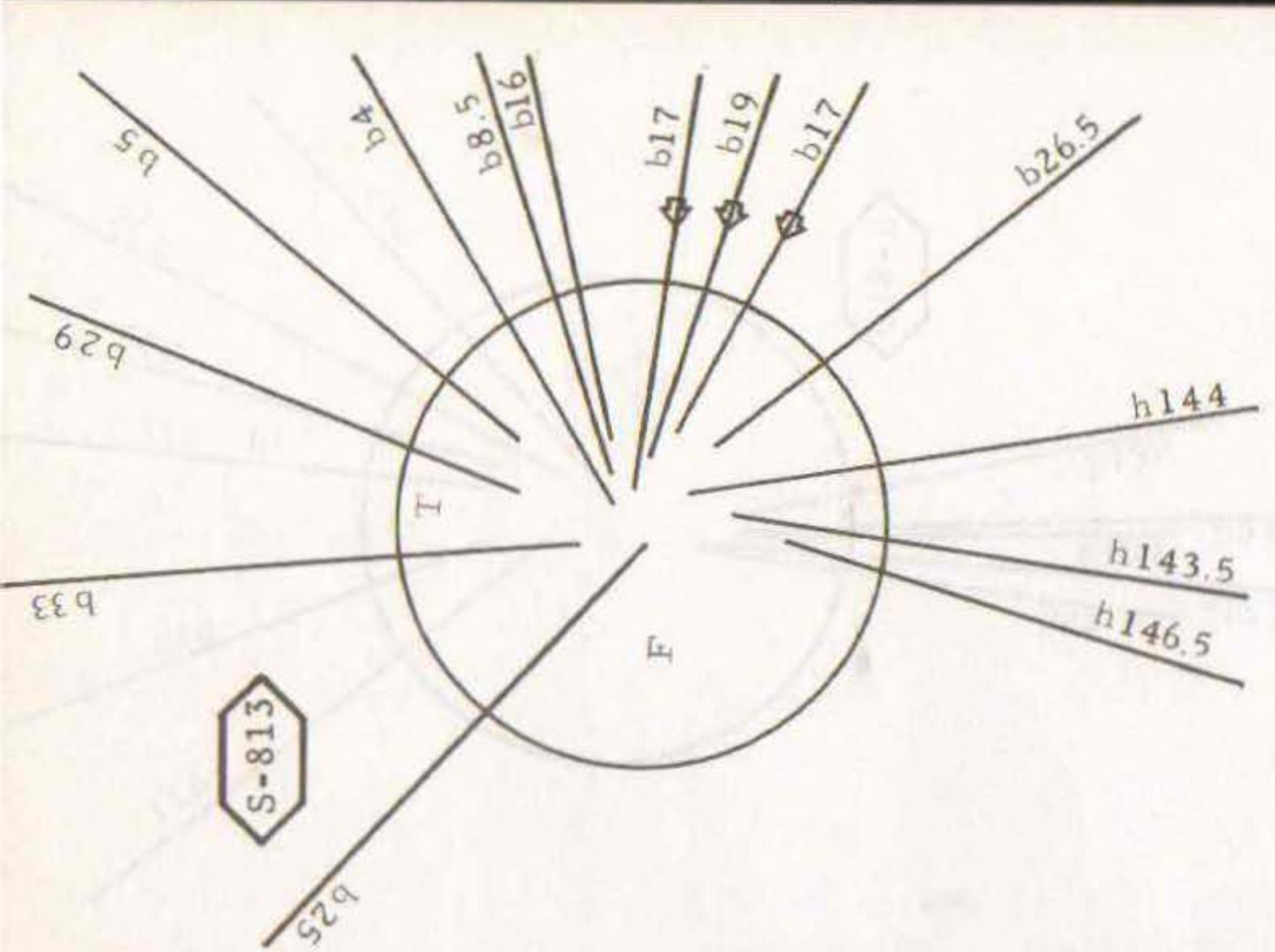

S-83
72
69
56
72
71
69
T
60
56
42
B
Cape
86
78
87

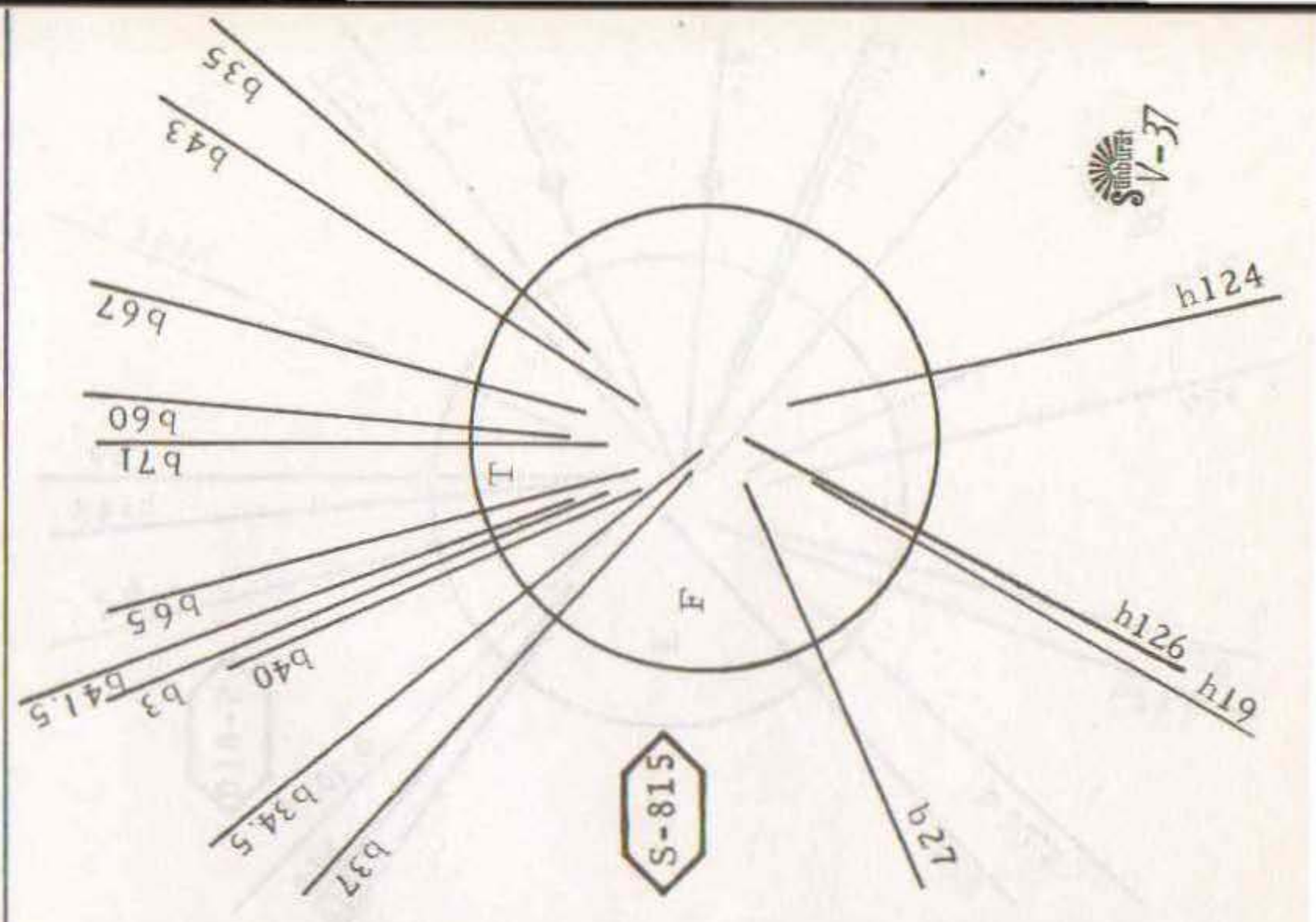

S-817
b1
b5
b27
h123
b13
b30
b33
b35
b32
b34
h120
T
B

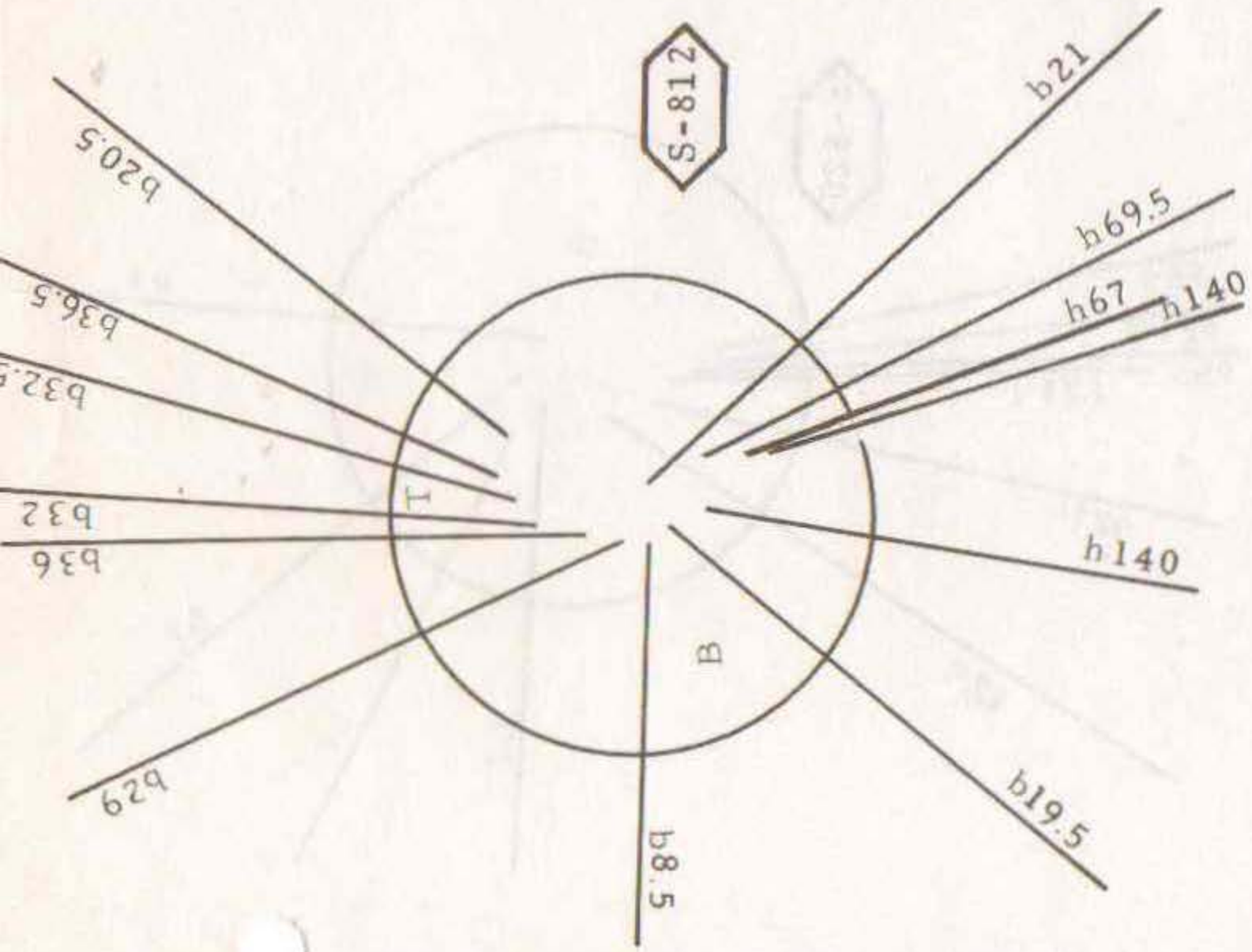

Sumitomo
V-35
b7
b29
b23
h126
b32.5
b12
b36
b31
b32
h127
S-86
T
B

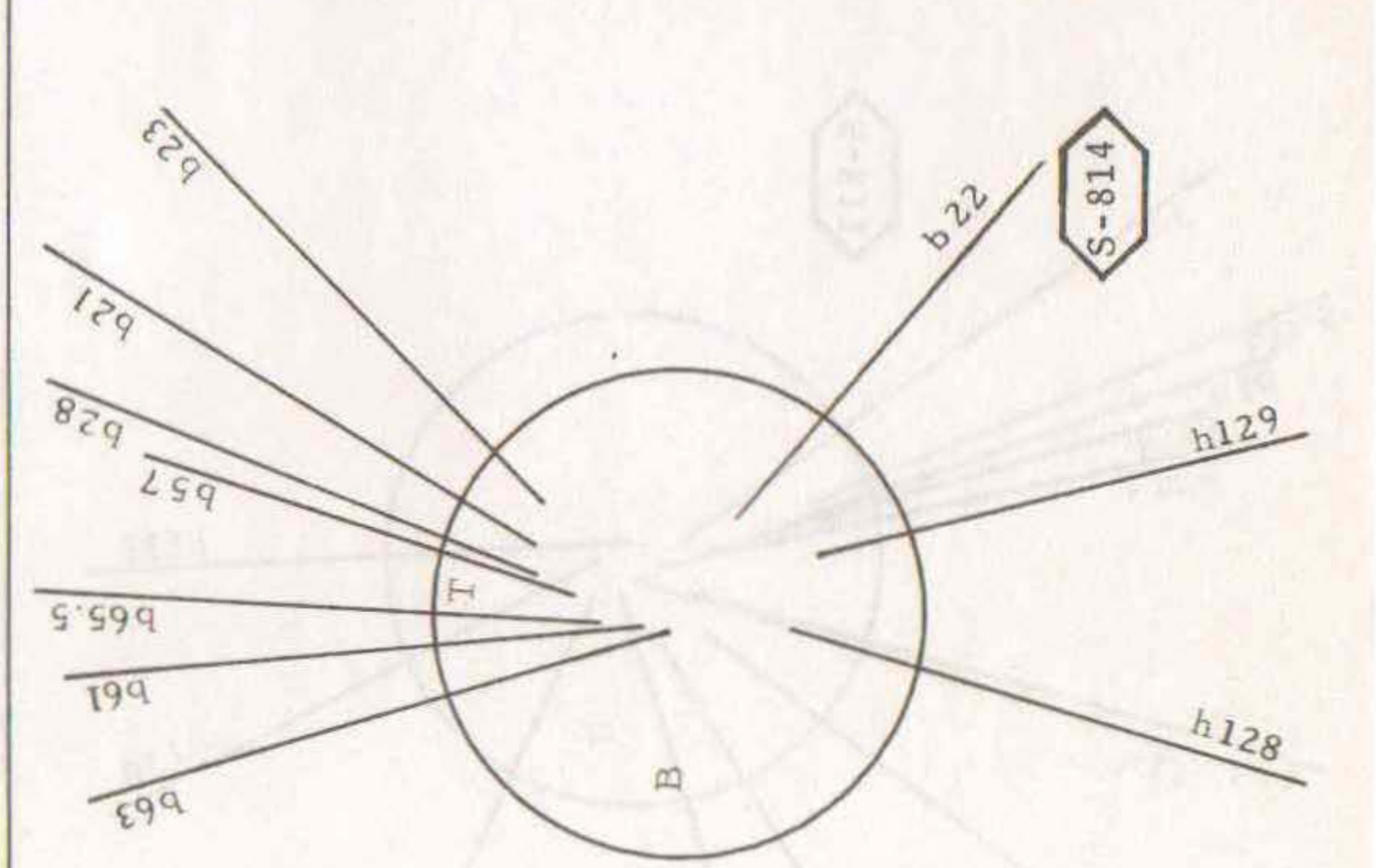

S-816
b30
b26
b25
h129
h128
b33
h132
b36
b31
b14
b7
b15
b16.5
b19
b16
T
F

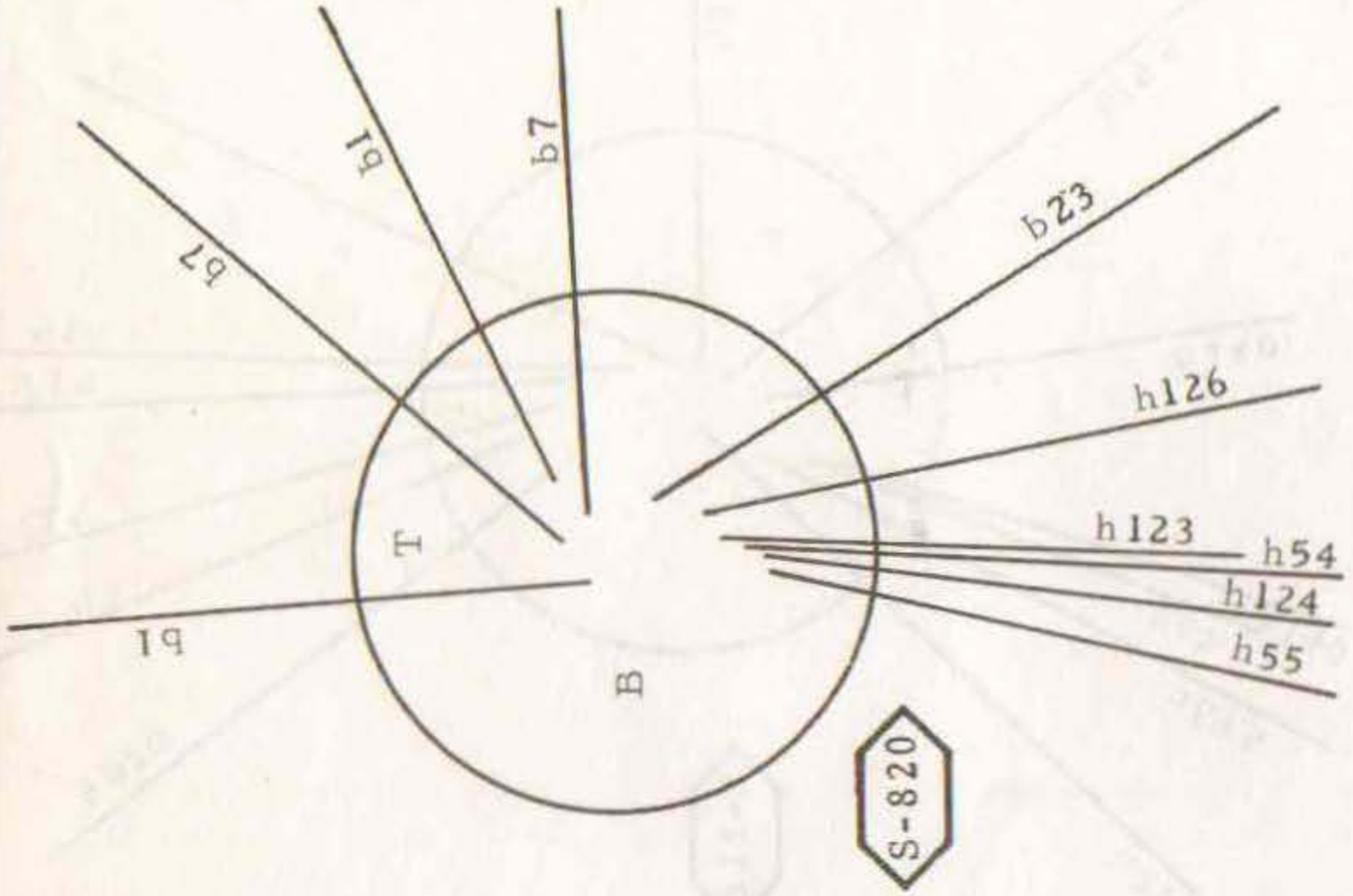

b32
b31
b38
b21.5
h133
b21
b31.5
h135
h70
b34
b29
b8
b8
b14
S-85
T
F

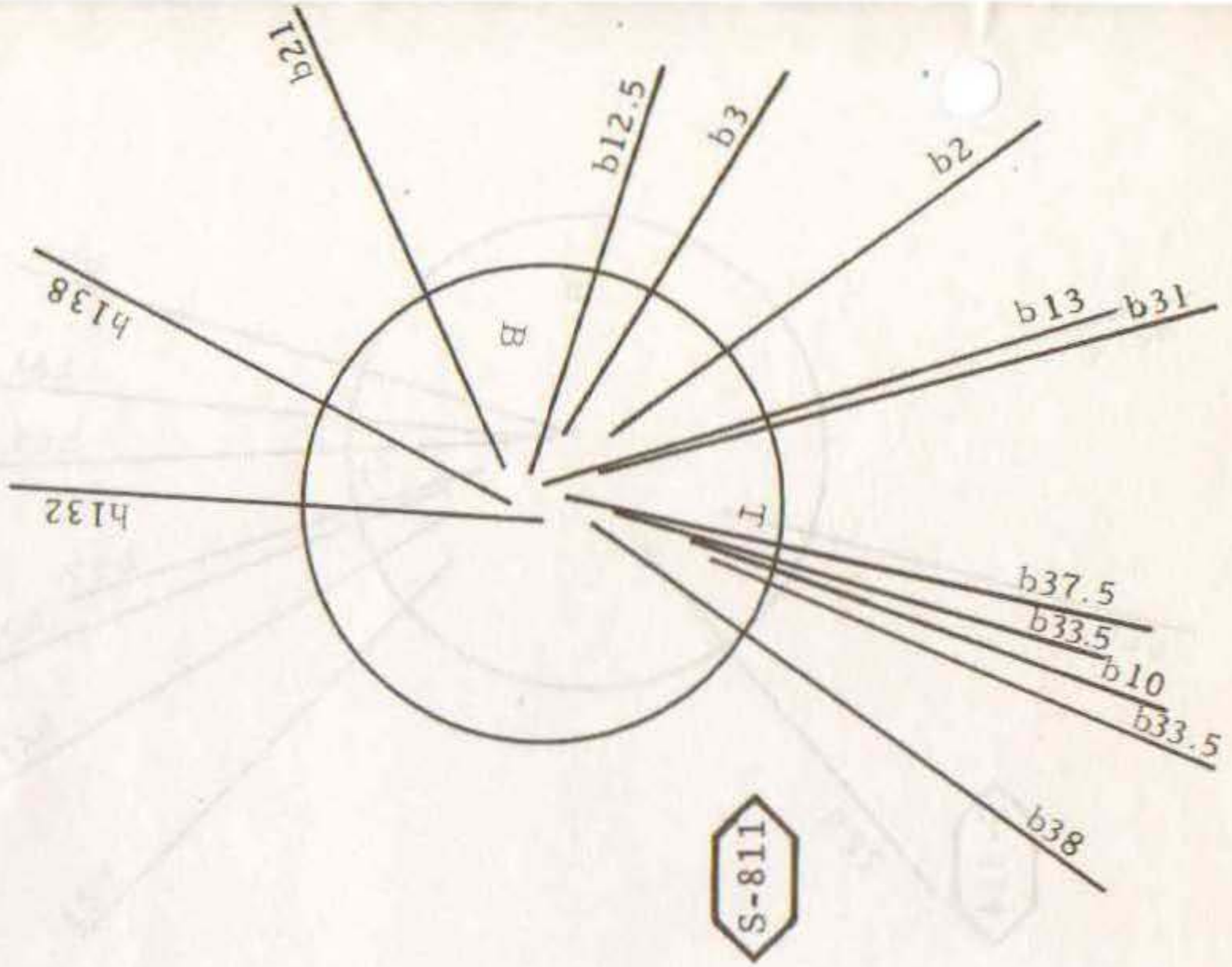

S-813
T
F
b5
b4
b8.5
b16
b17
b19
b17
b26.5
b29
h144
b33
h143.5
h146.5
b25

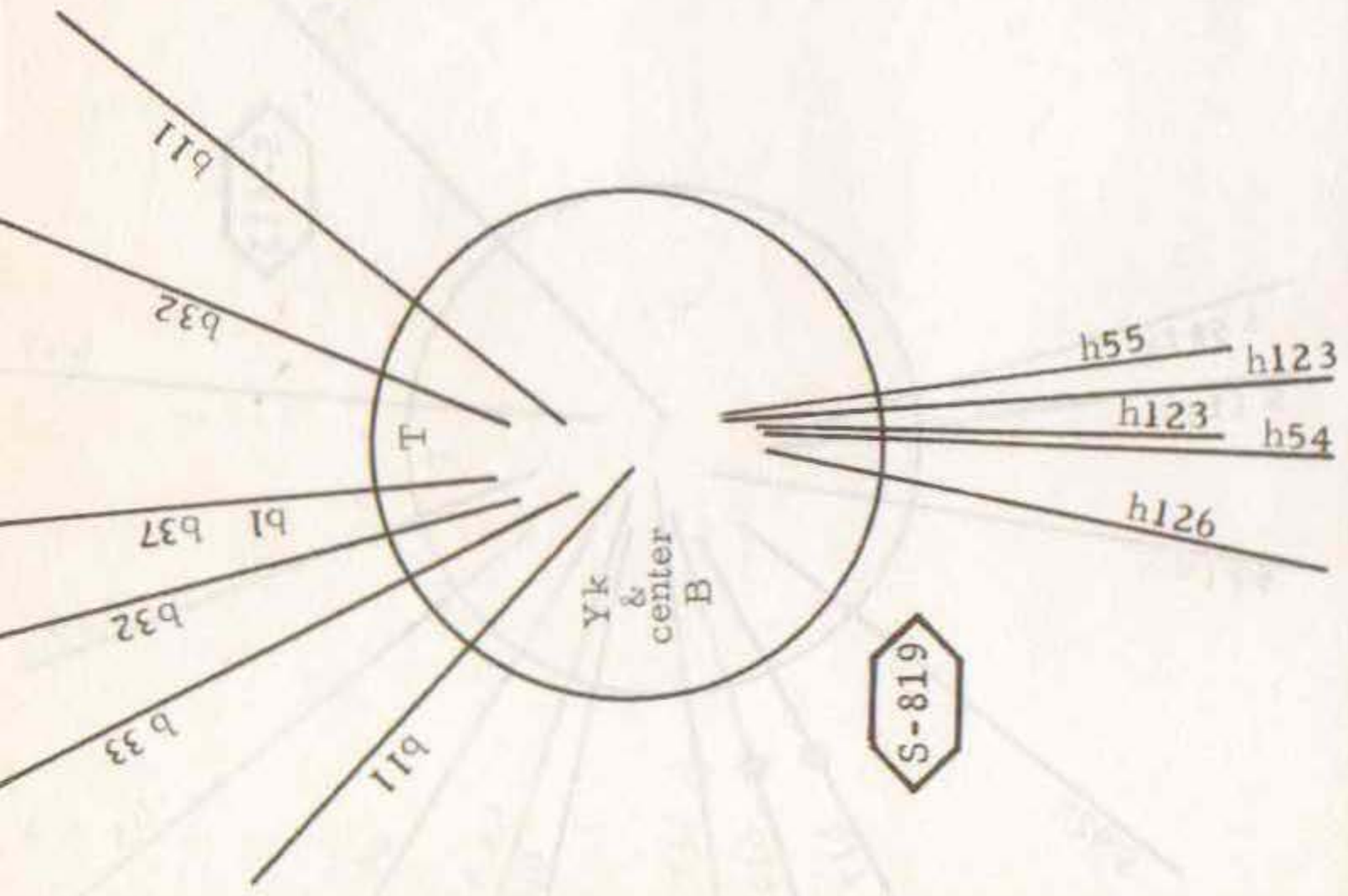

S-815
T
F
b35
b43
h124
b67
b71
b60
b65
b41.5
b3
b40
h126
h19
b34.5
b37
b27

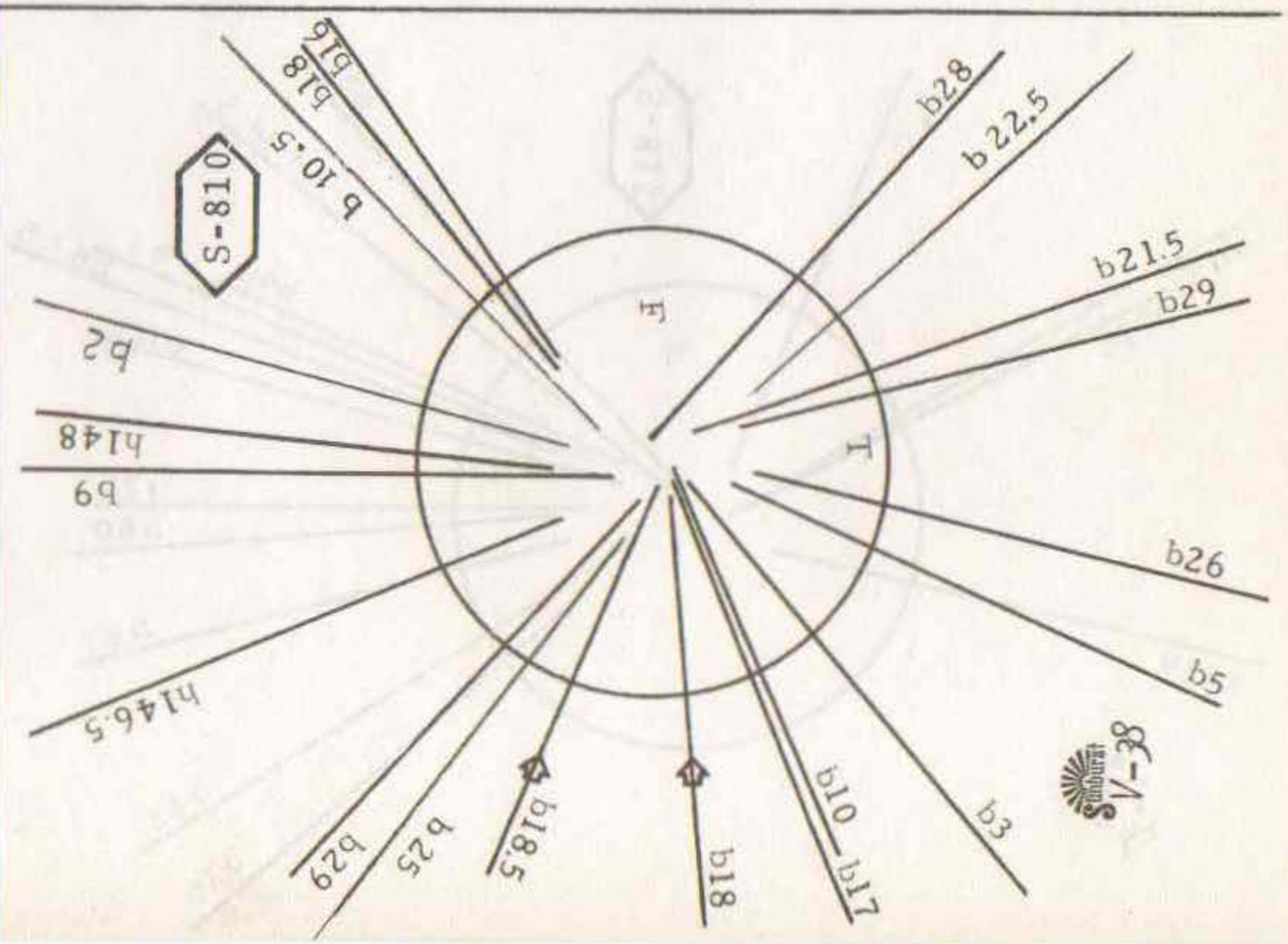

S-812
T
B
b20.5
b21
h69.5
h67
h140
b36.5
b32.5
b32
b36
h140
b29
b8.5
b19.5

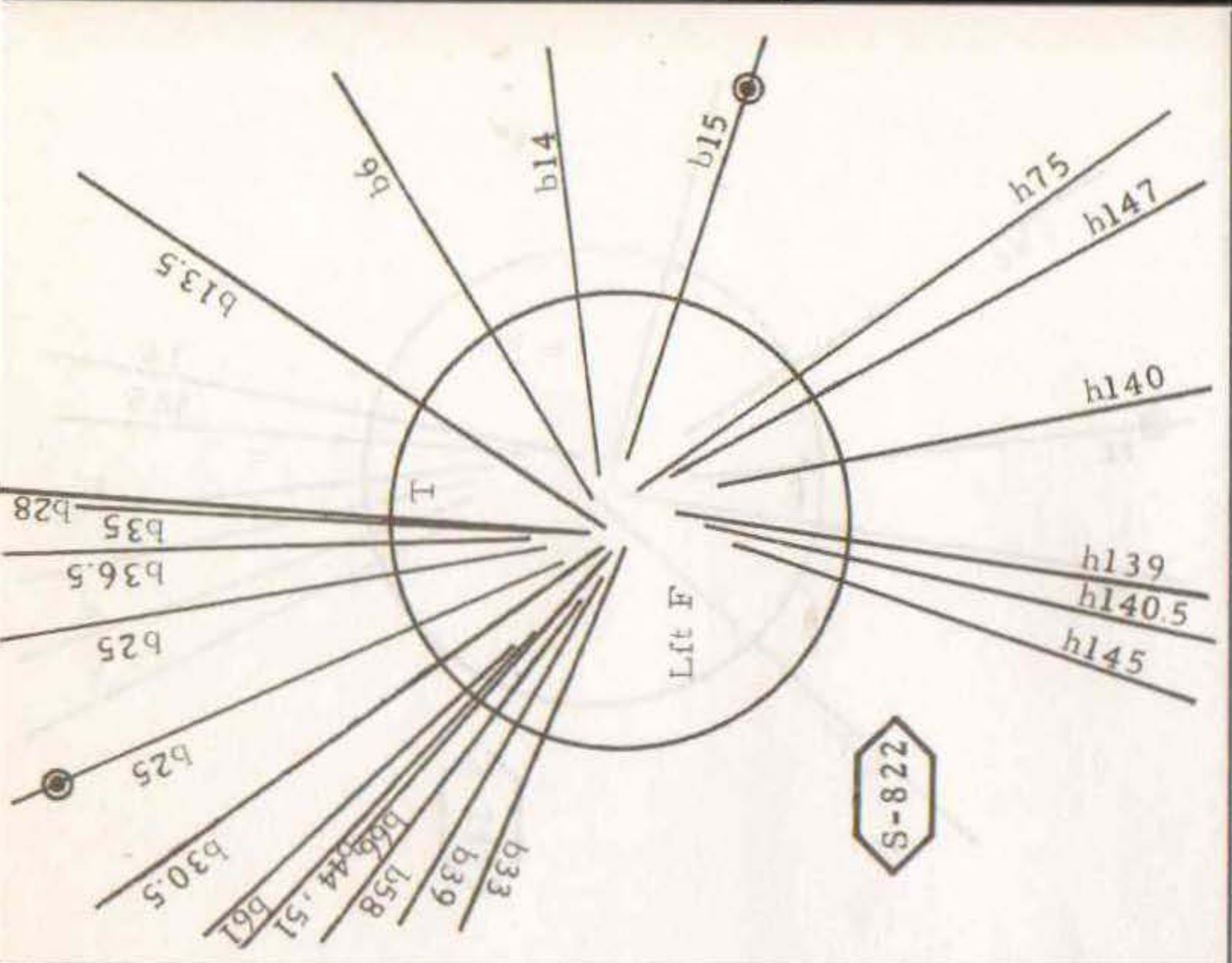

S-814
T
B
b23
b22
h129
b21
b57
b28
b65.5
b61
h128
b63

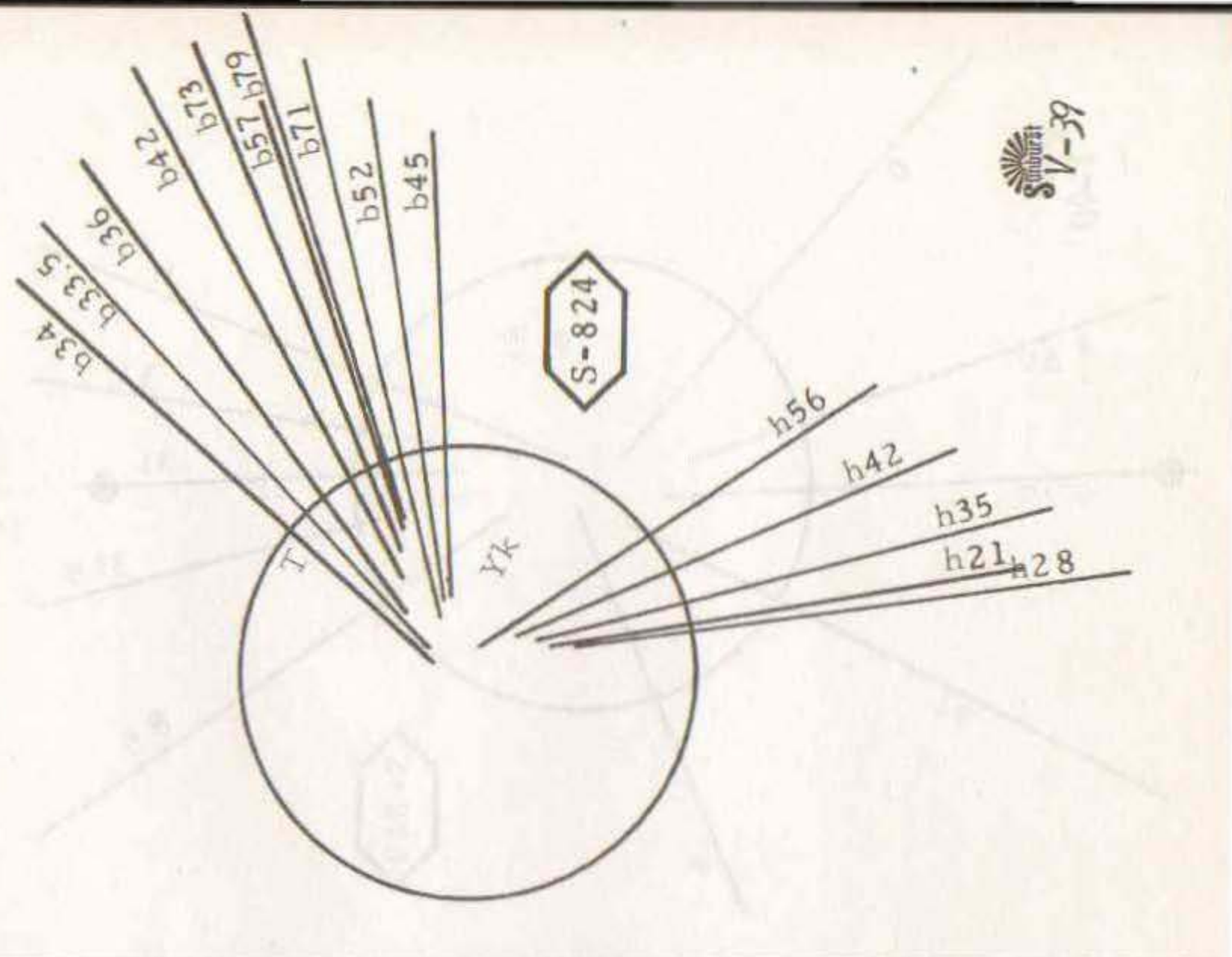

b7
b1
b7
b23
h126
h123
h54
h124
h55
T
B
S-820

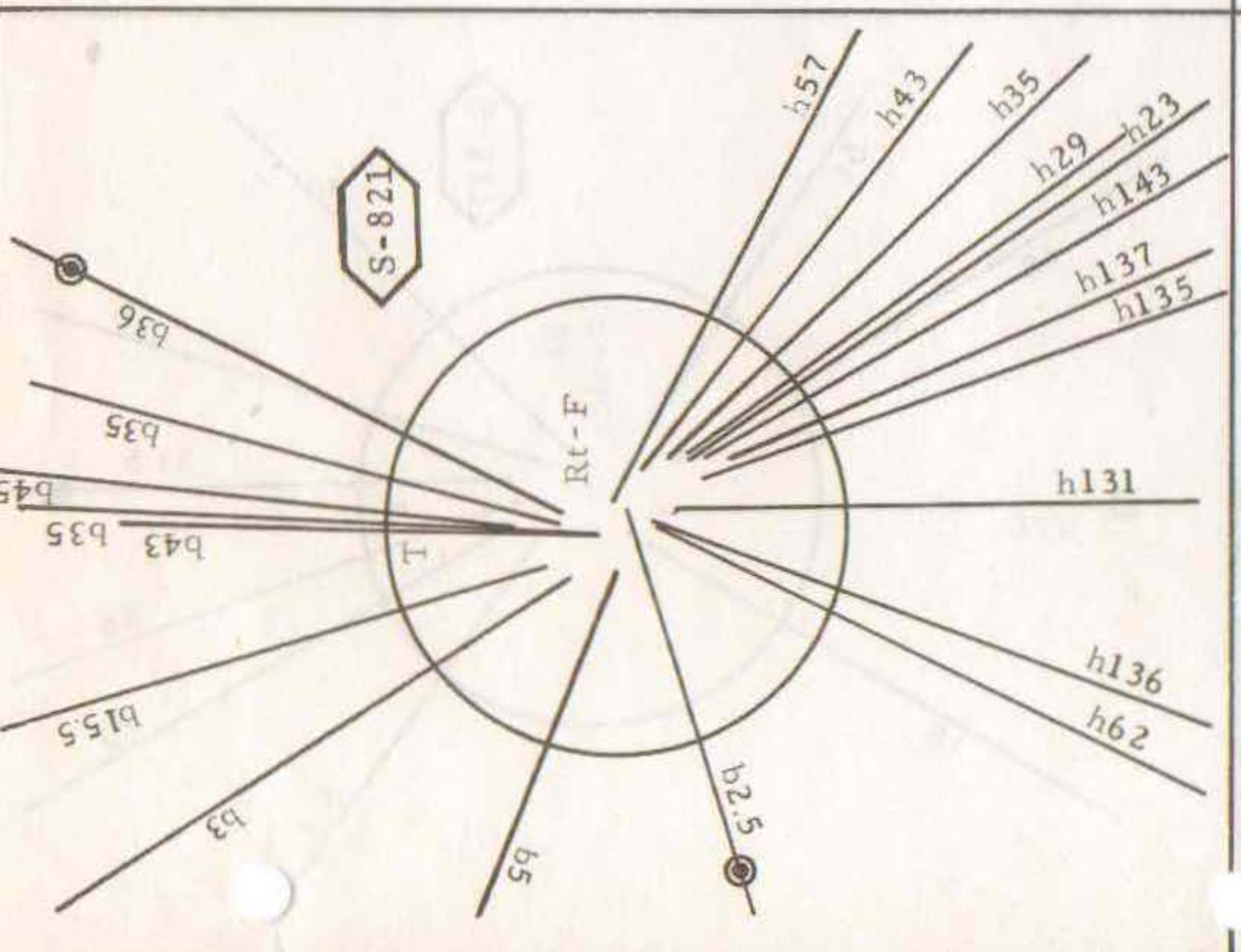

b21
b12.5
b3
b2
h138
b13
b31
h132
B
T
b37.5
b33.5
b10
b33.5
b38
S-811

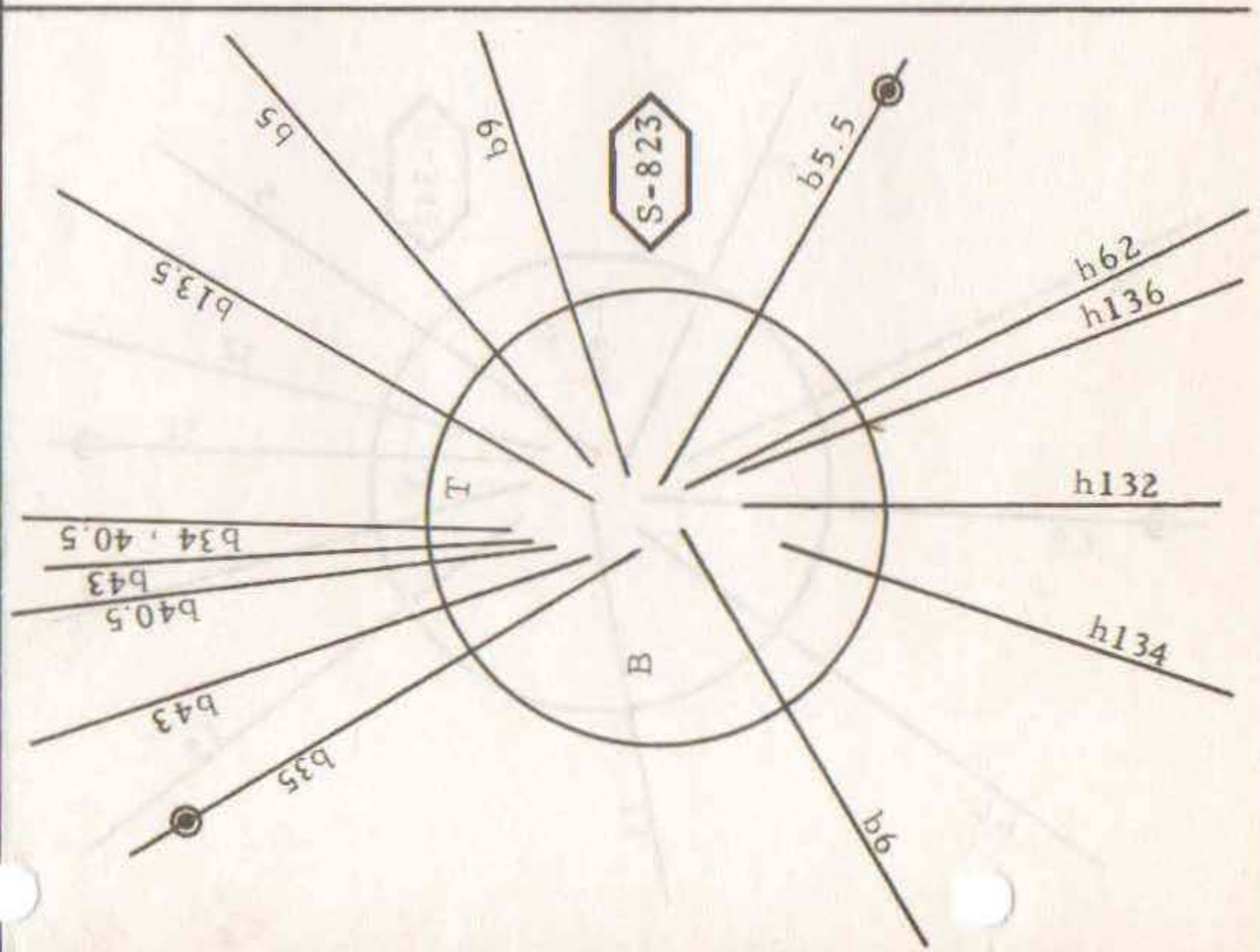

b11
b32
b1
b37
b32
b33
b11
h55
h123
h54
h126
T
Yk
&
center
B
S-819

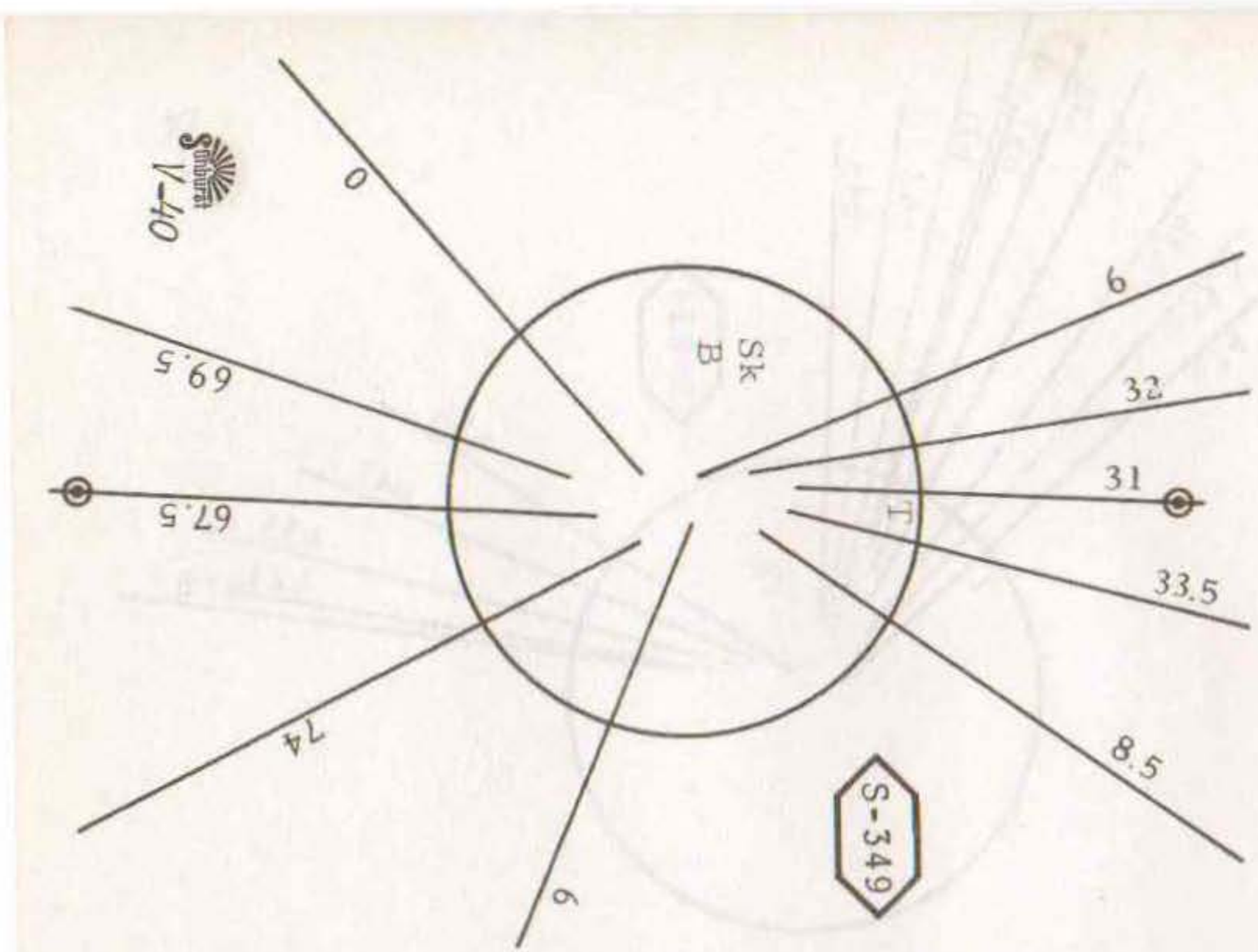

b16
b18
b 10.5
S-810
b28
b 22.5
b21.5
b29
b2
h148
b9
F
T
b26
b5
h146.5
b29
b25
b18.5
b18
b10
b17
b3
V-38

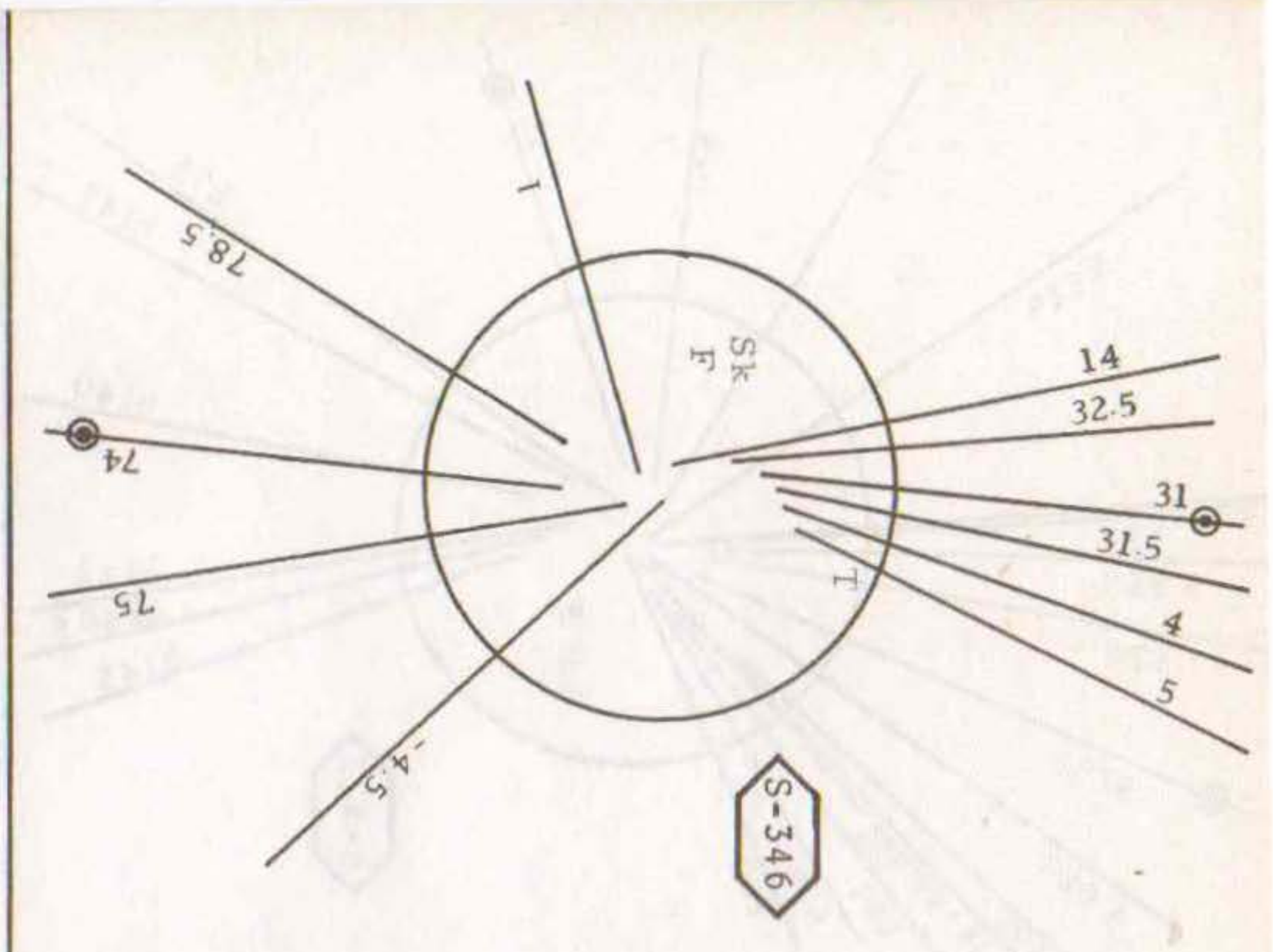

S-822
T
Lft F
b9
b14
b15
h75
h147
h140
b13.5
b28
b35
b36.5
b25
b25
b30.5
b61
b58
b39
b33
h139
h140.5
h145

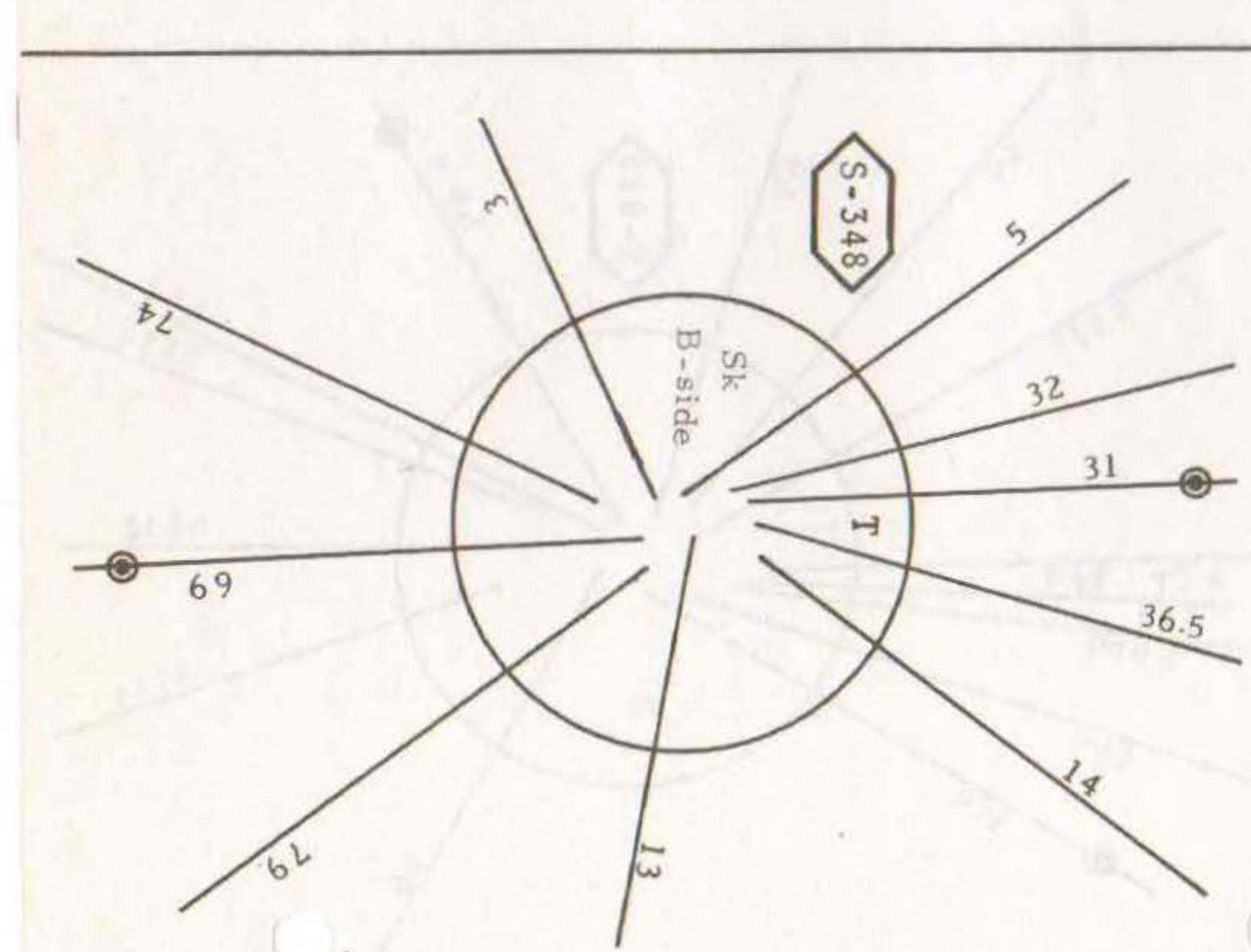

S-824
T
Yk
b42
b73
b57 b79
b71
b52
b45
b34
b33.5
b36
h56
h42
h35
h21
h28

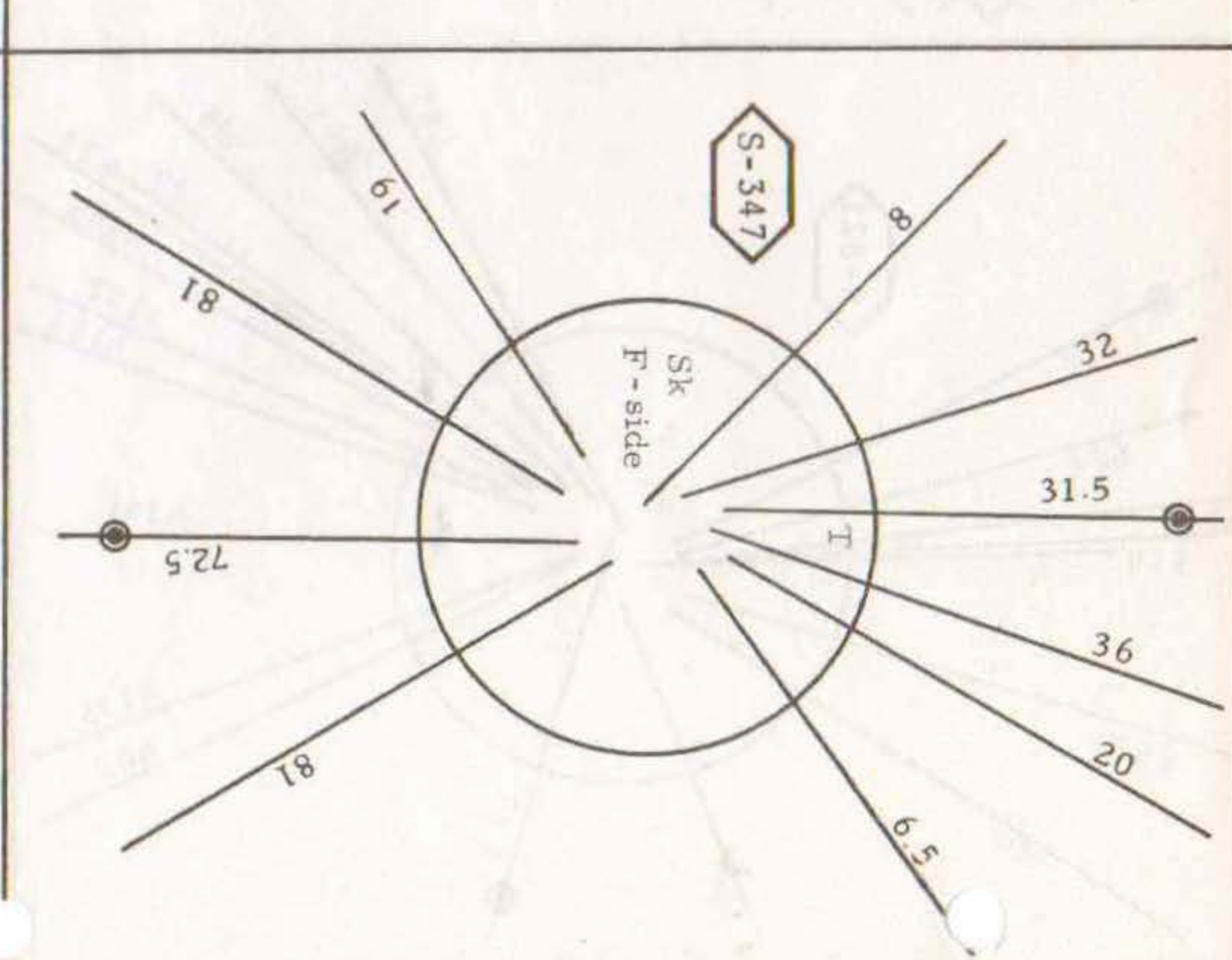

S-821
T
Rt-F
h57
h43
h35
h29
h23
h143
h137
h135
h131
h136
h62
b36
b35
b43
b35
b15.5
b3
b5
b2.5

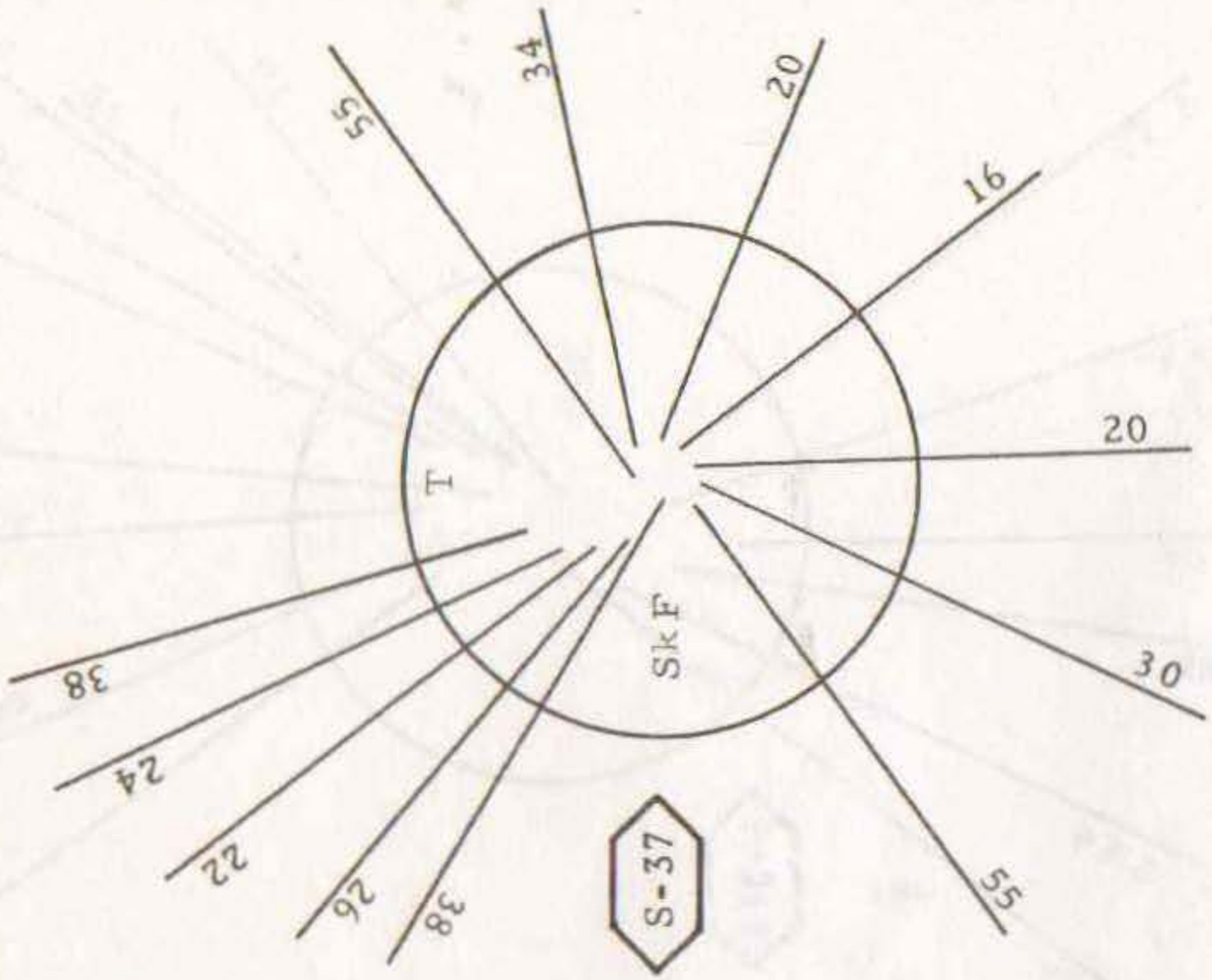

S-823
T
B
b5
b9
b5.5
b13.5
h62
h136
h132
h134
b34 , 40.5
b43
b40.5
b43
b35
b6

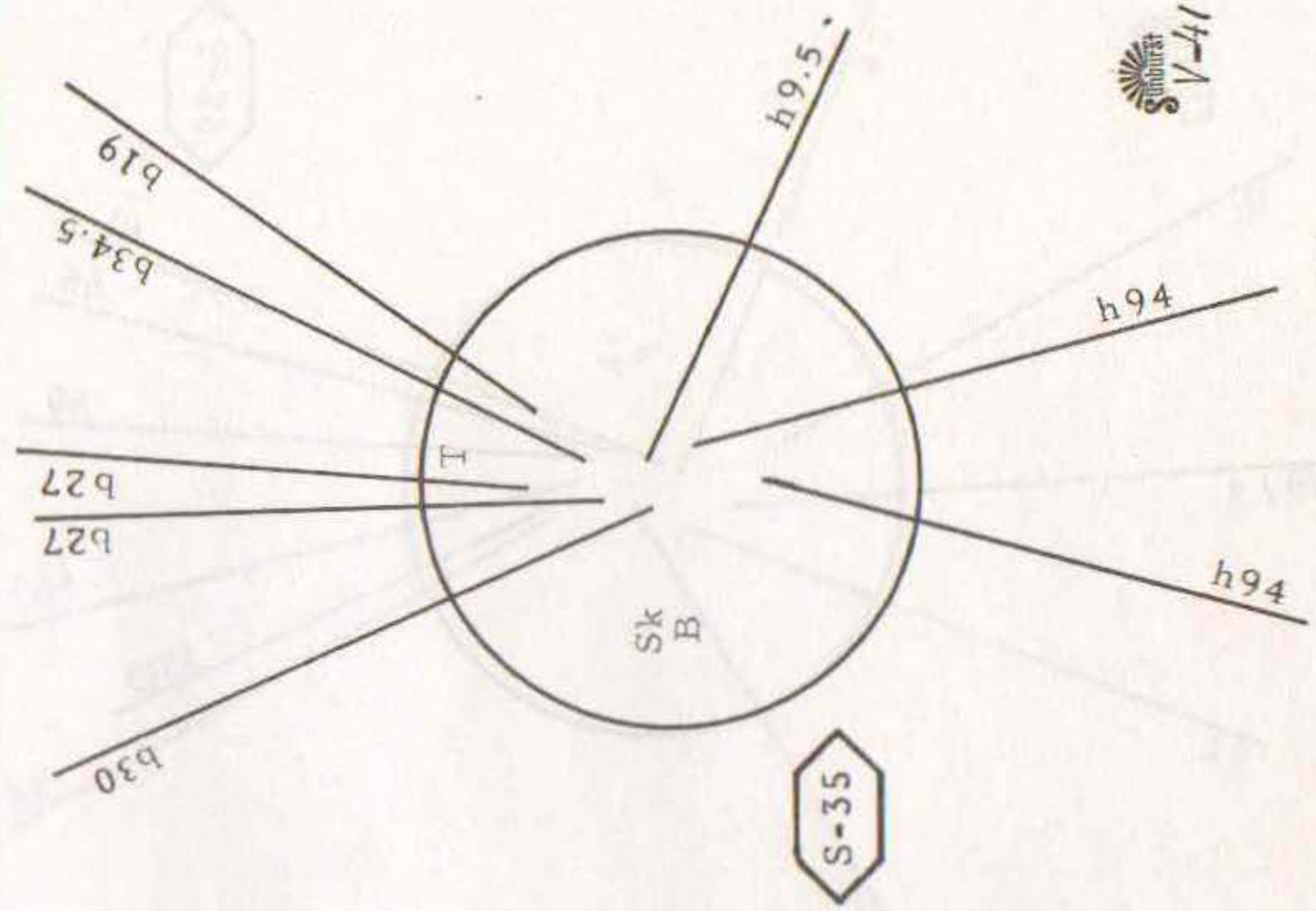

V-40
0
6
32
31
33.5
8.5
6
74
67.5
69.5
Sk
B
T
S-349

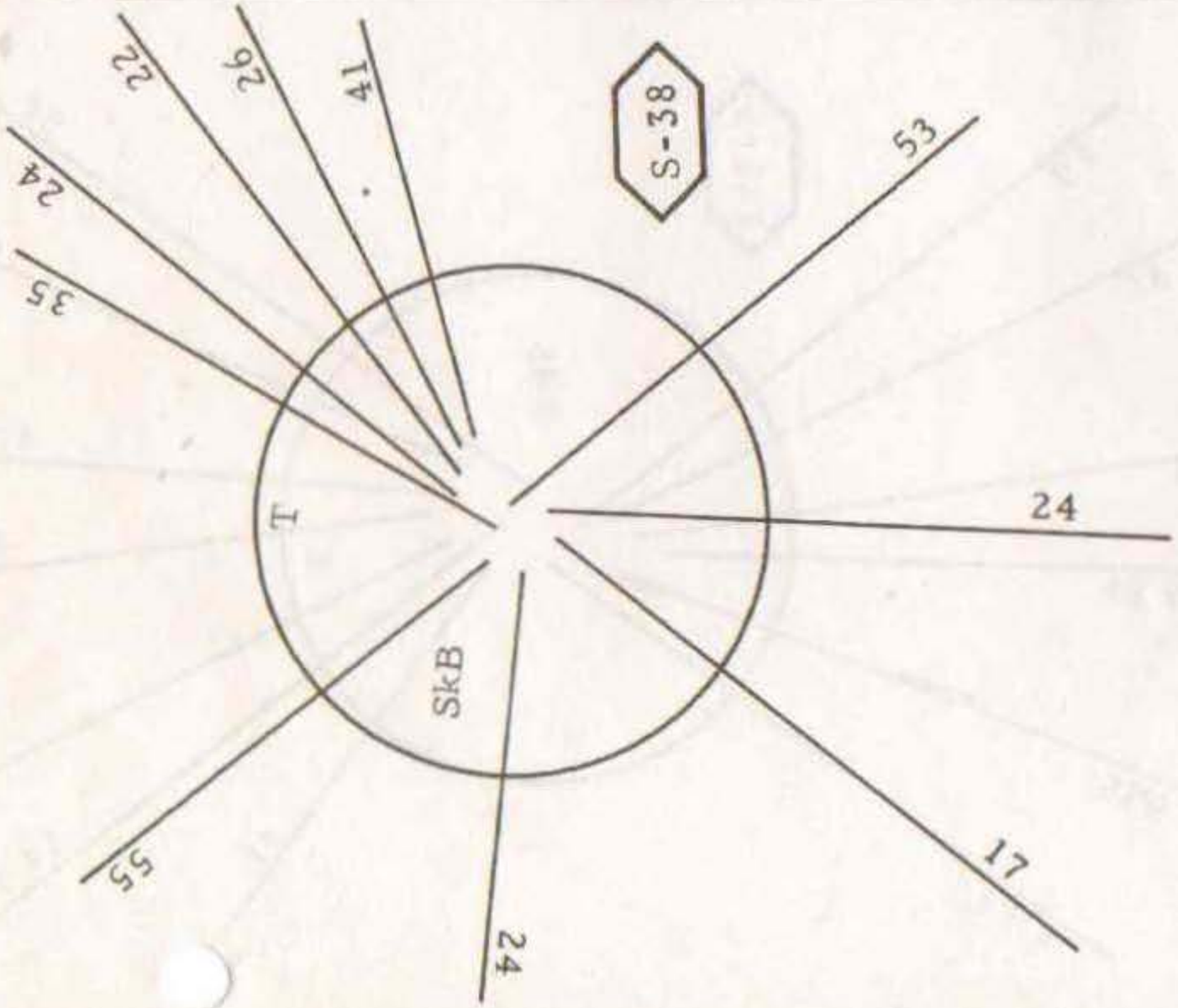

1
78.5
74
75
4.5
14
32.5
31
31.5
4
5
Sk
F
T
S-346

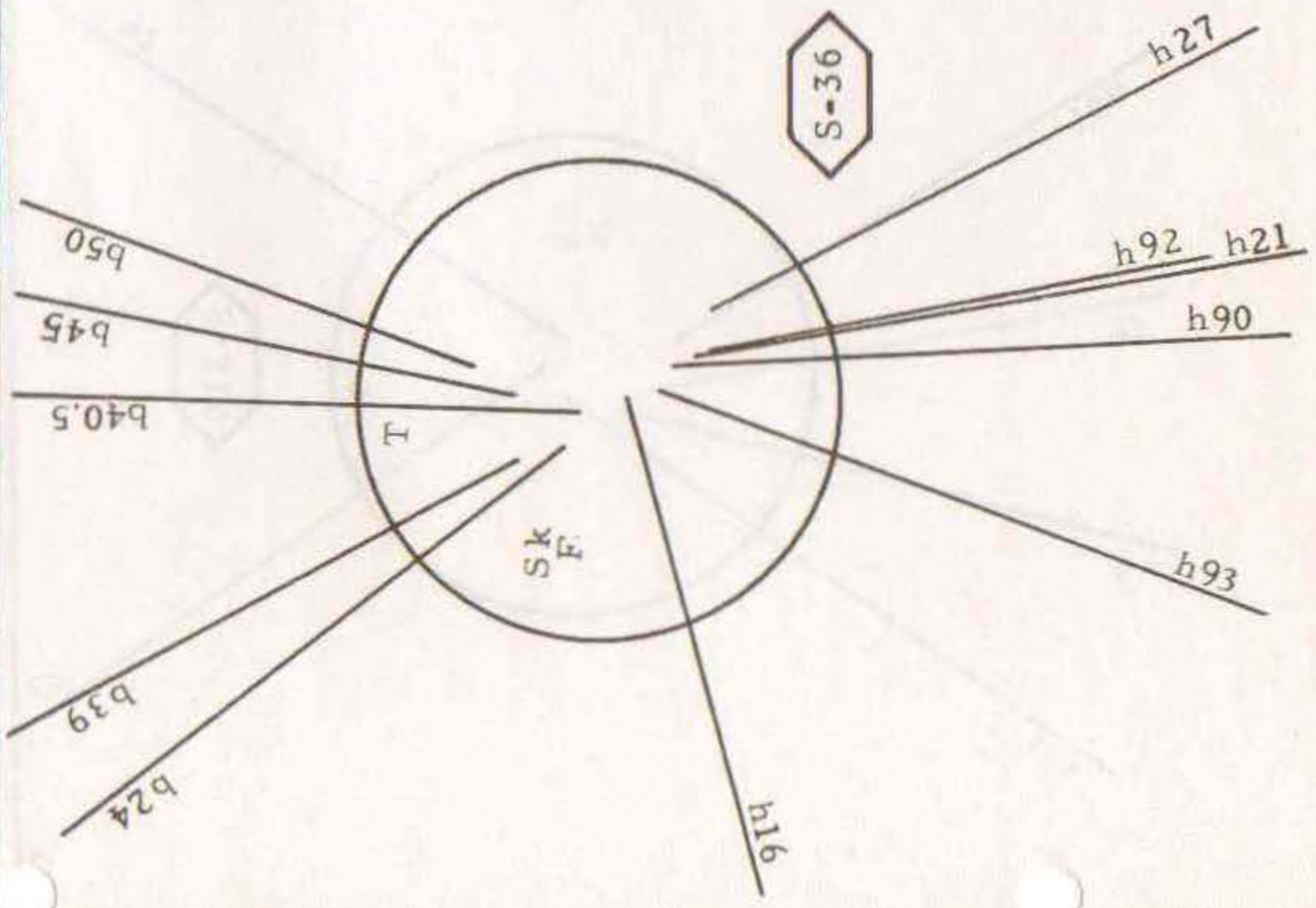

S-348
3
5
74
32
31
69
36.5
14
79
13
Sk
B-side
T

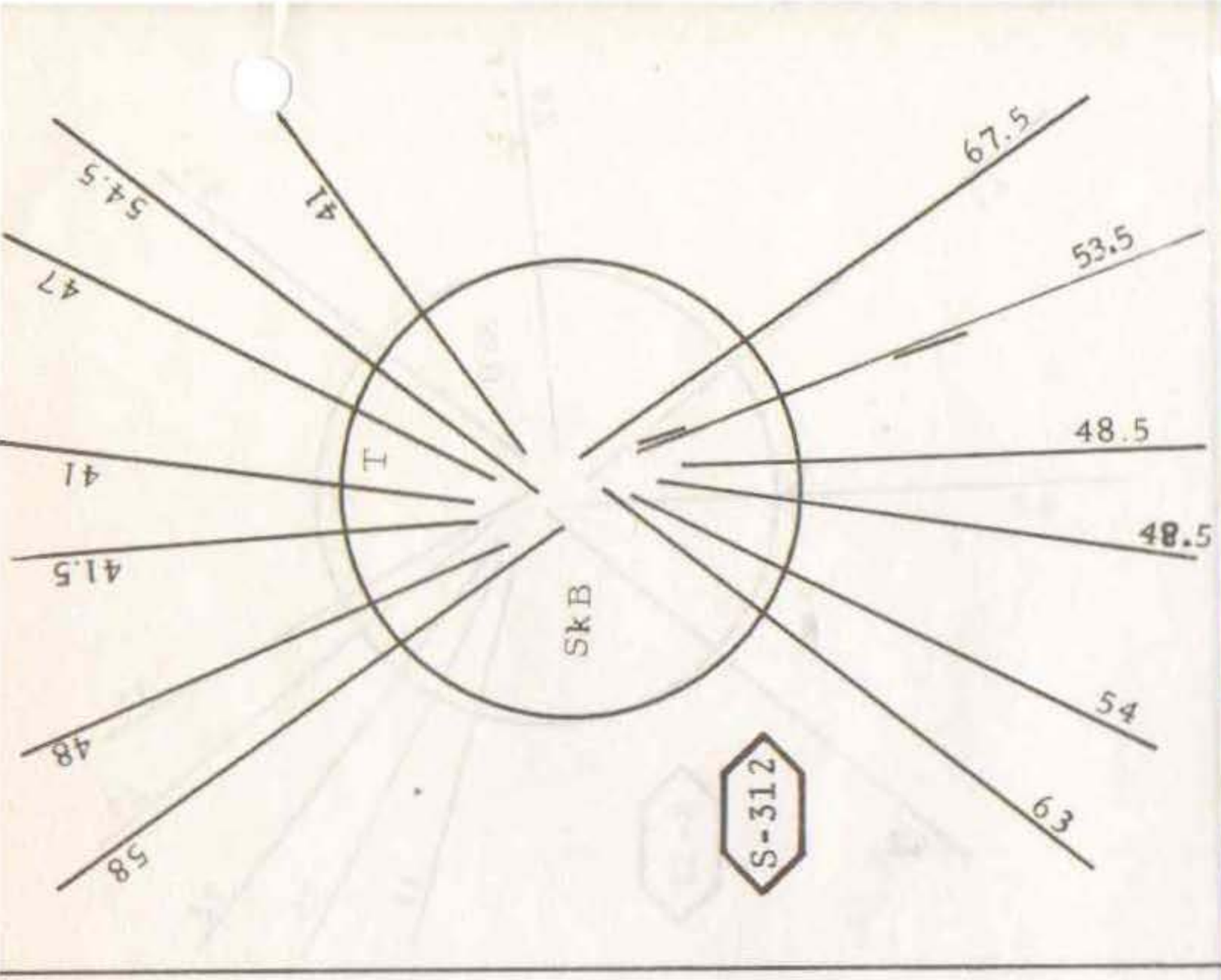

S-347
61
8
18
32
31.5
72.5
36
20
81
6.5
Sk
F-side
T

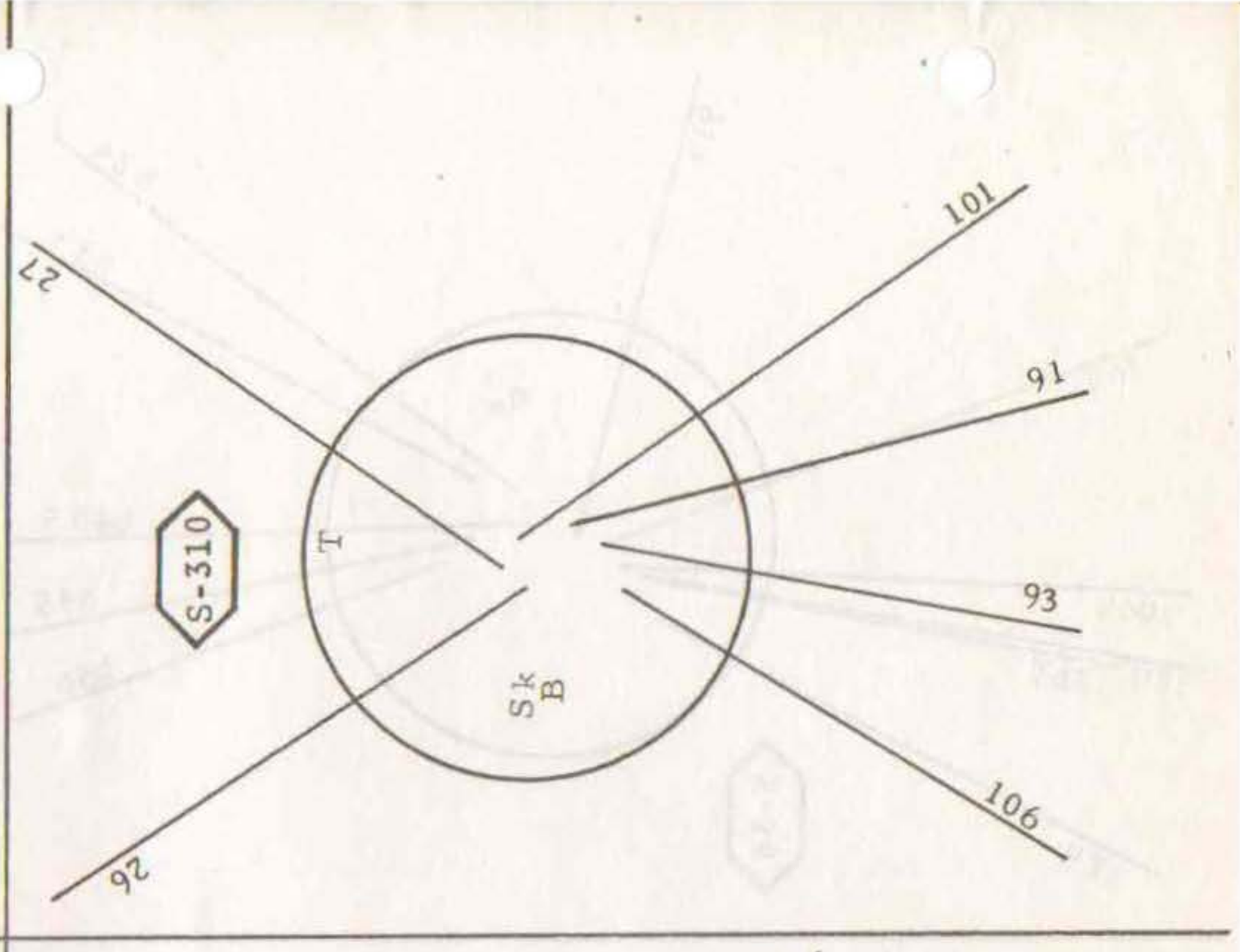

55
34
20
16
20
30
55
38
24
22
26
38
T
Sk F
S-37

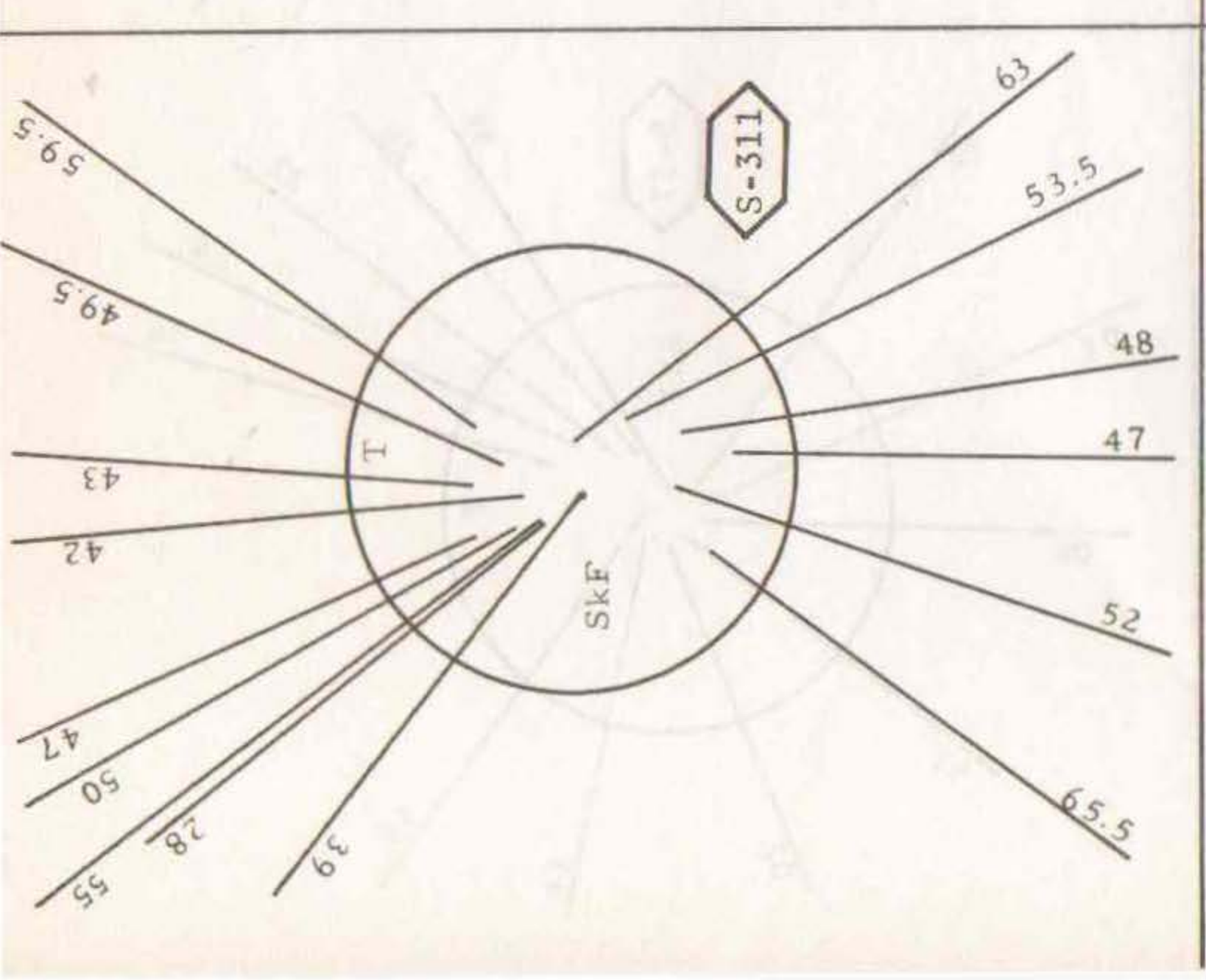

h9.5
b19
b34.5
h94
b27
b27
h94
b30
T
Sk B
S-35

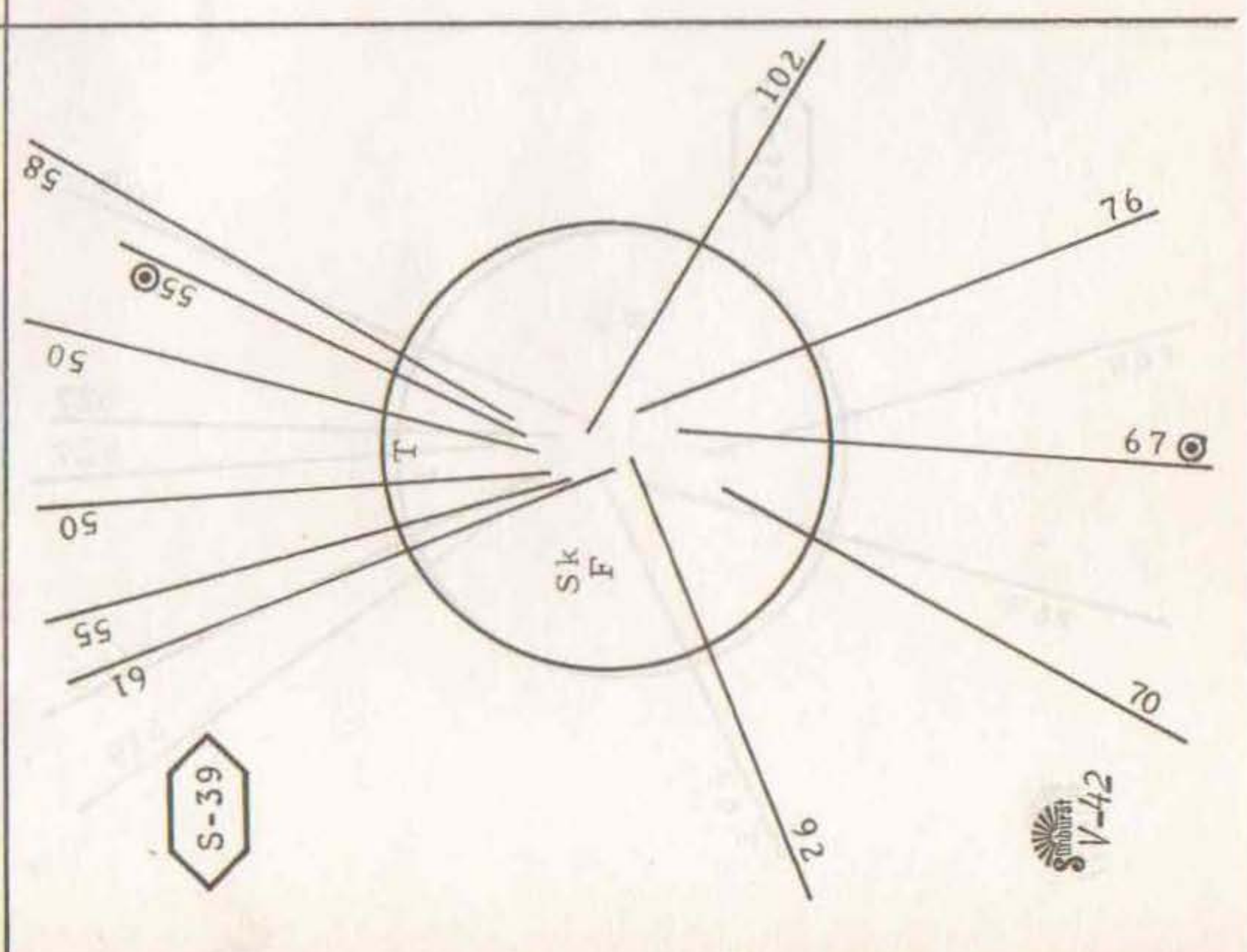

22
26
41
S-38
53
24
35
T
SkB
55
24
17

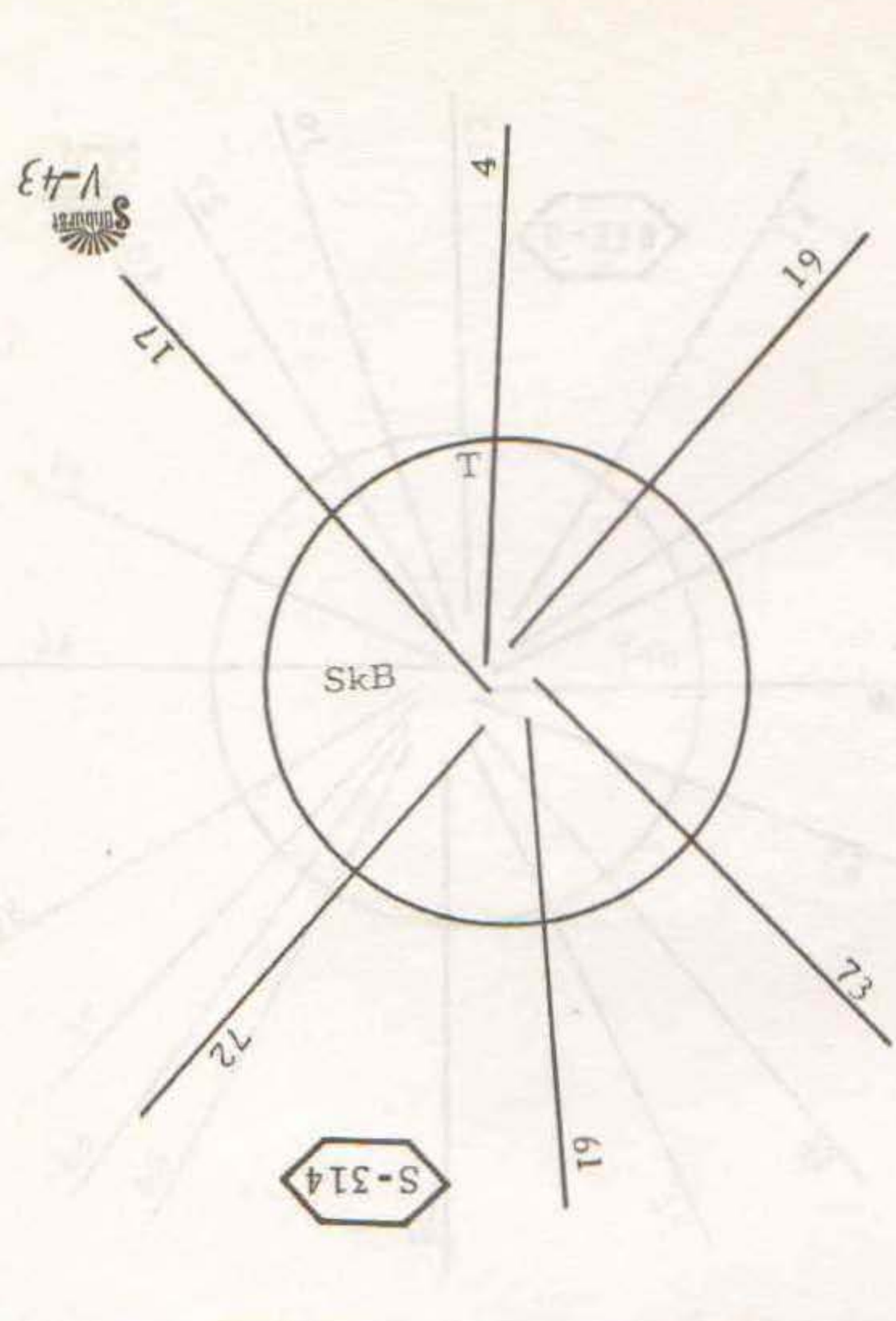

S-36
h27
h92
h21
h90
b50
b45
b40.5
T
Sk F
h93
b39
b24
h16


S-312
T
SkB
67.5
53.5
48.5
48.5
54
63
41
54.5
47
41
41.5
48
58

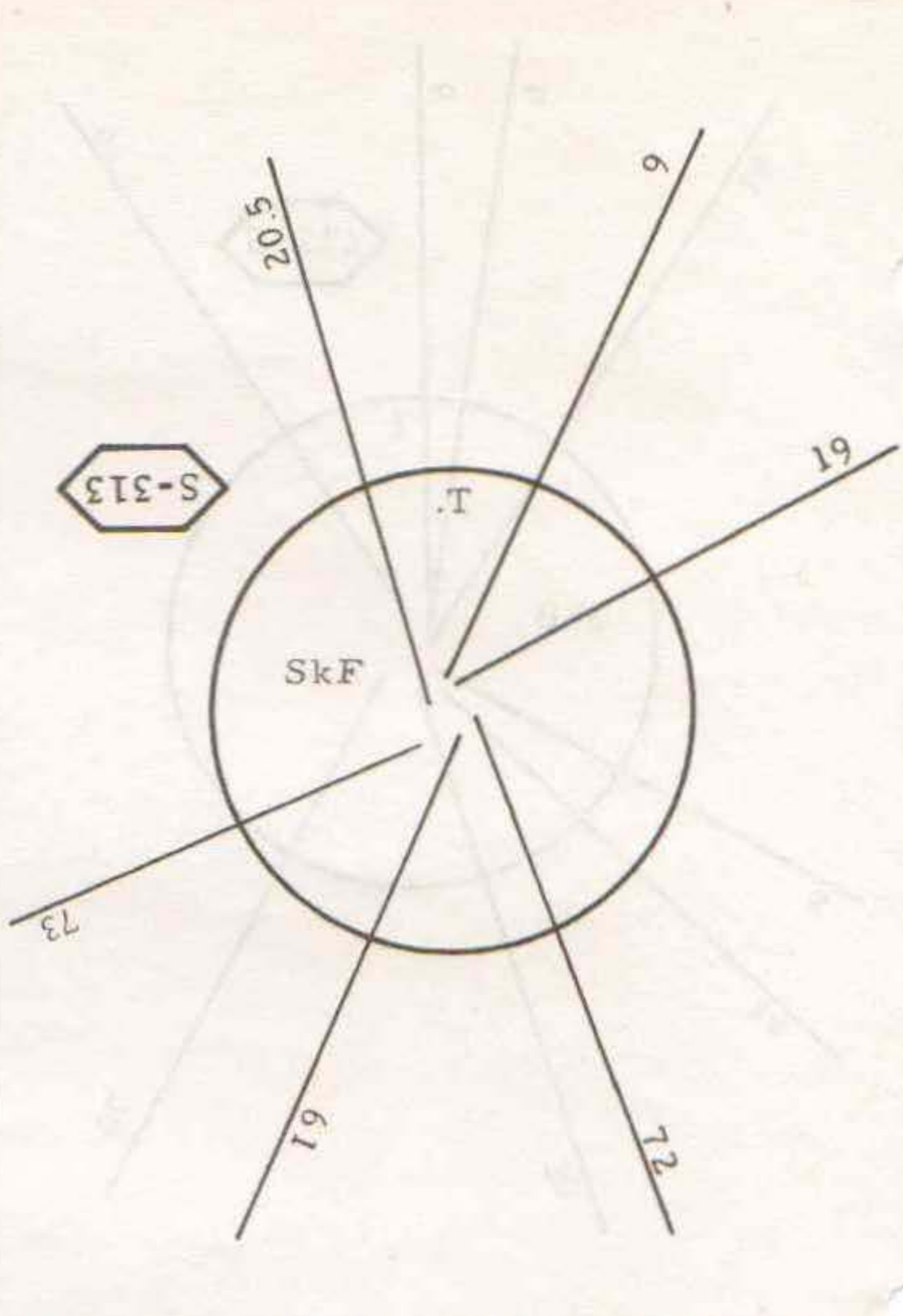

S-310
T
SkB
101
91
93
106
27
92


S-311
T
SkF
63
53.5
48
47
52
65.5
59.5
49.5
43
42
47
50
55
28
39


S-39
T
SkF
102
76
67
70
92
58
55
50
50
55
61



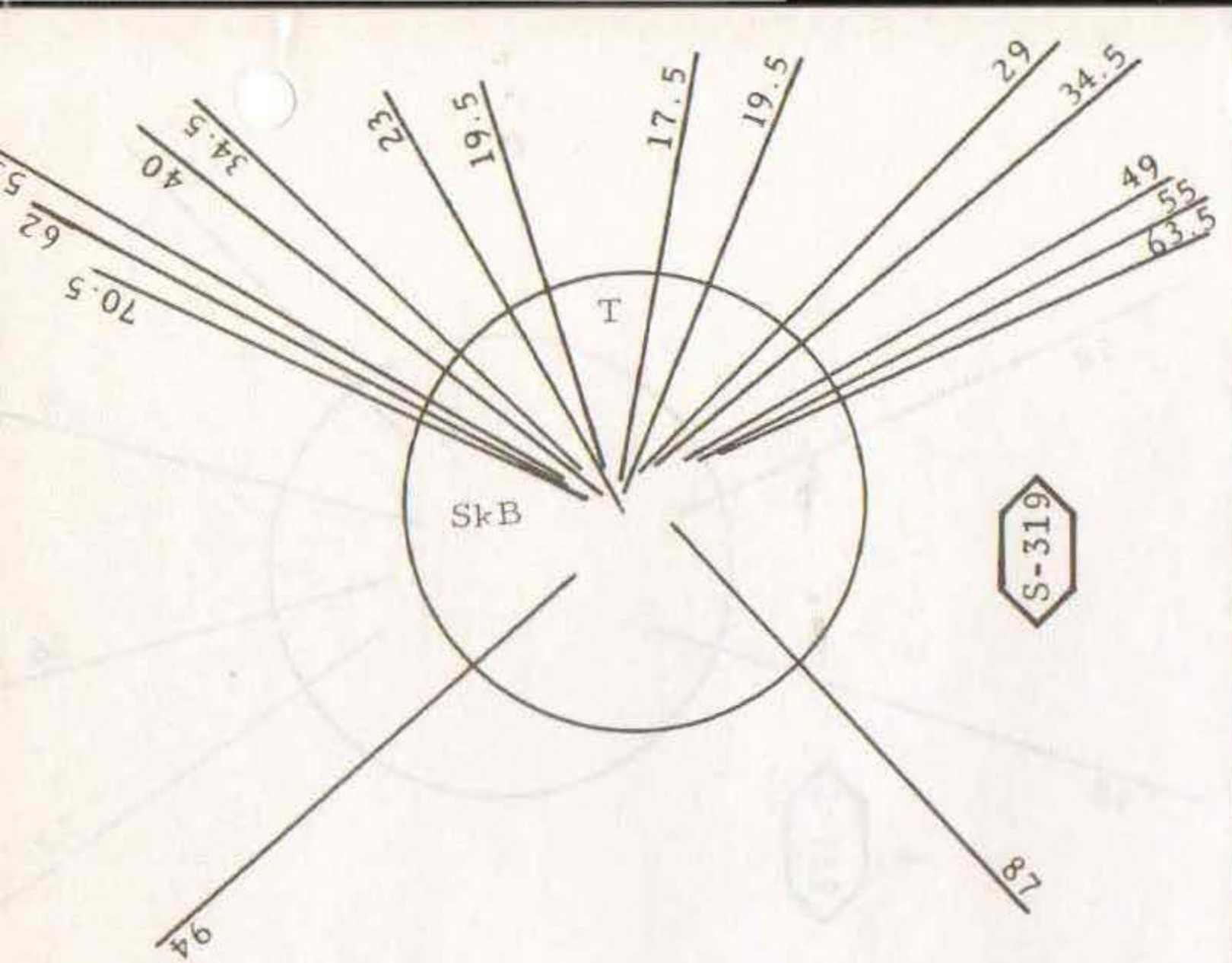

S-314




S-313

S-316

S-315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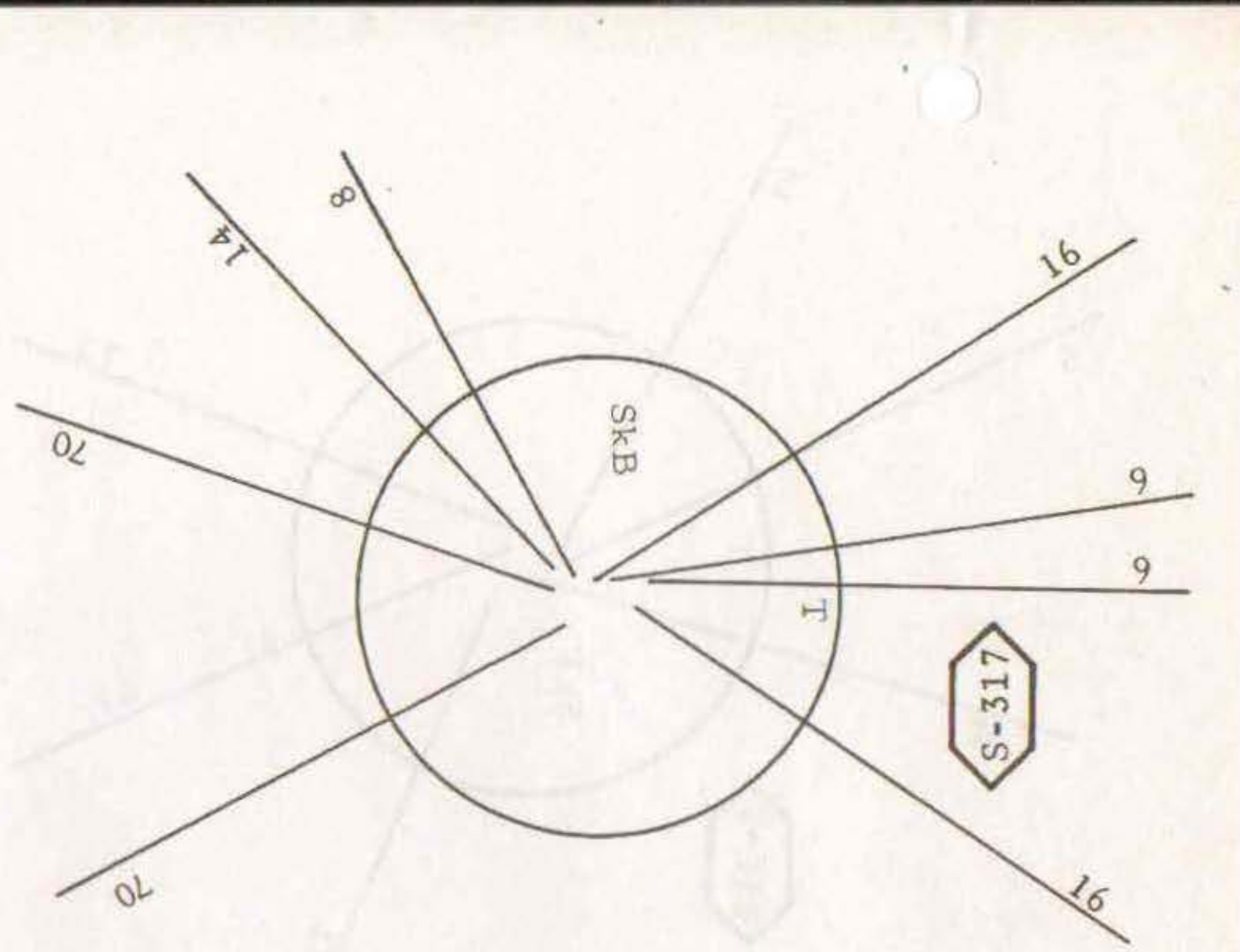
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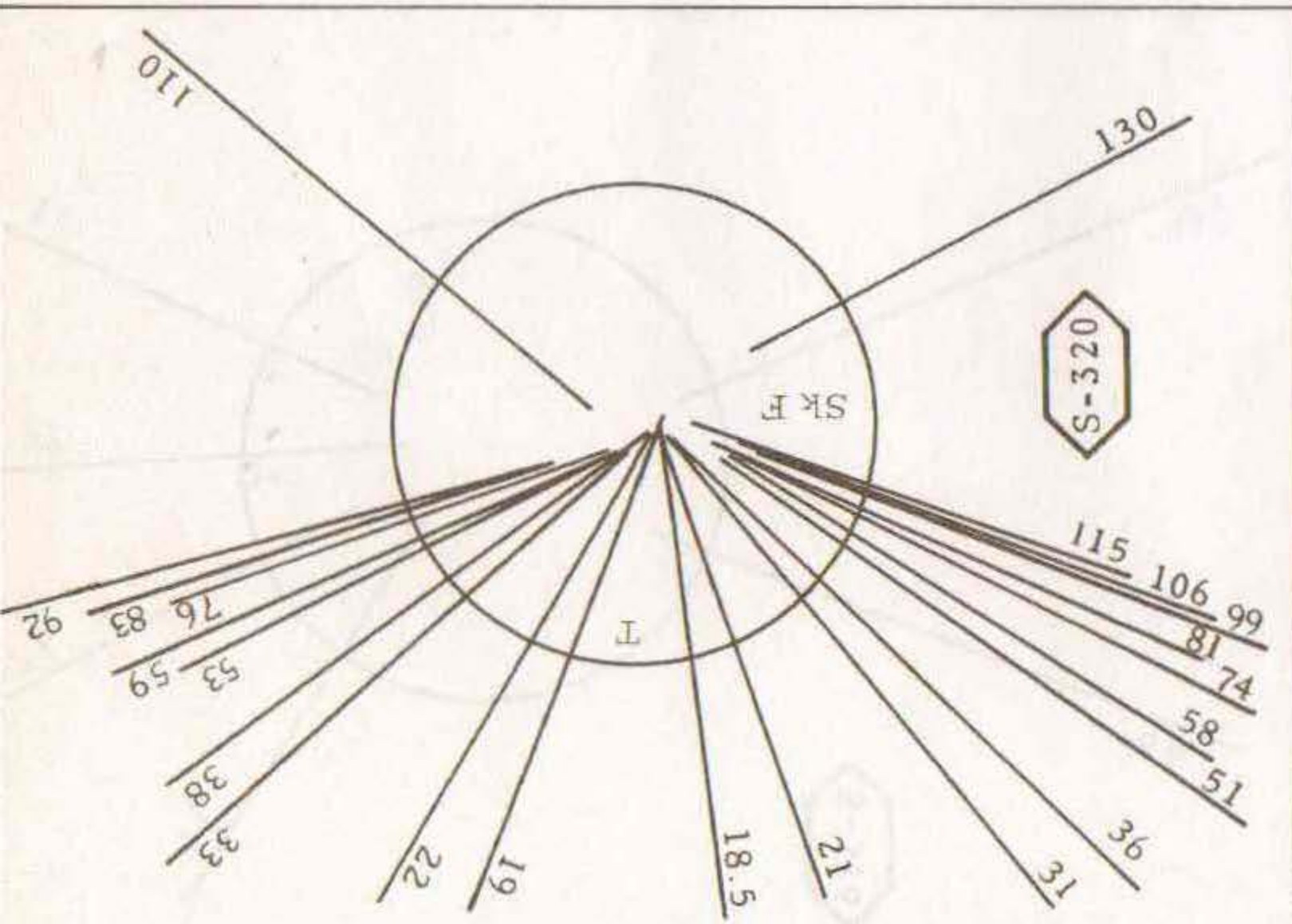
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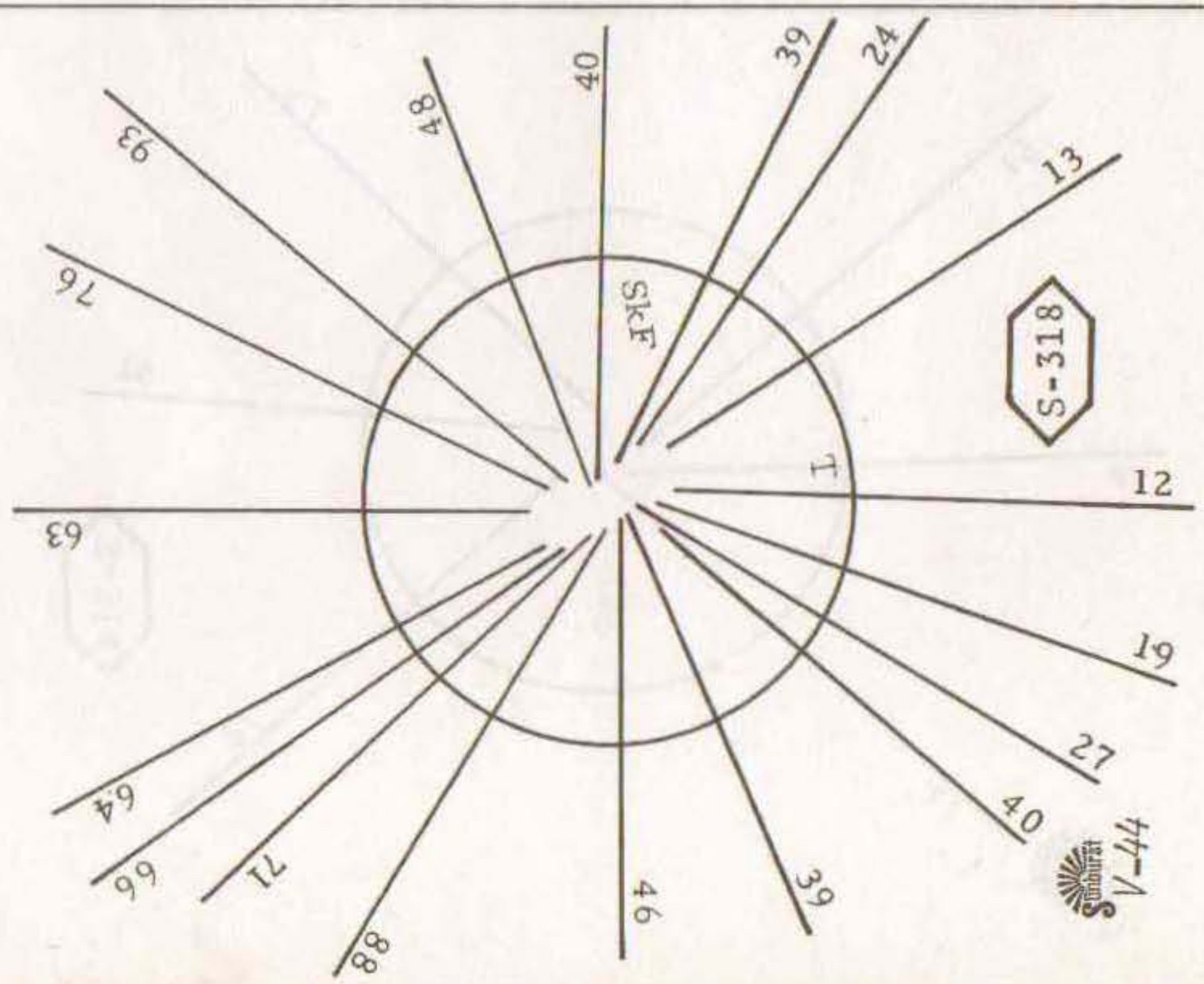
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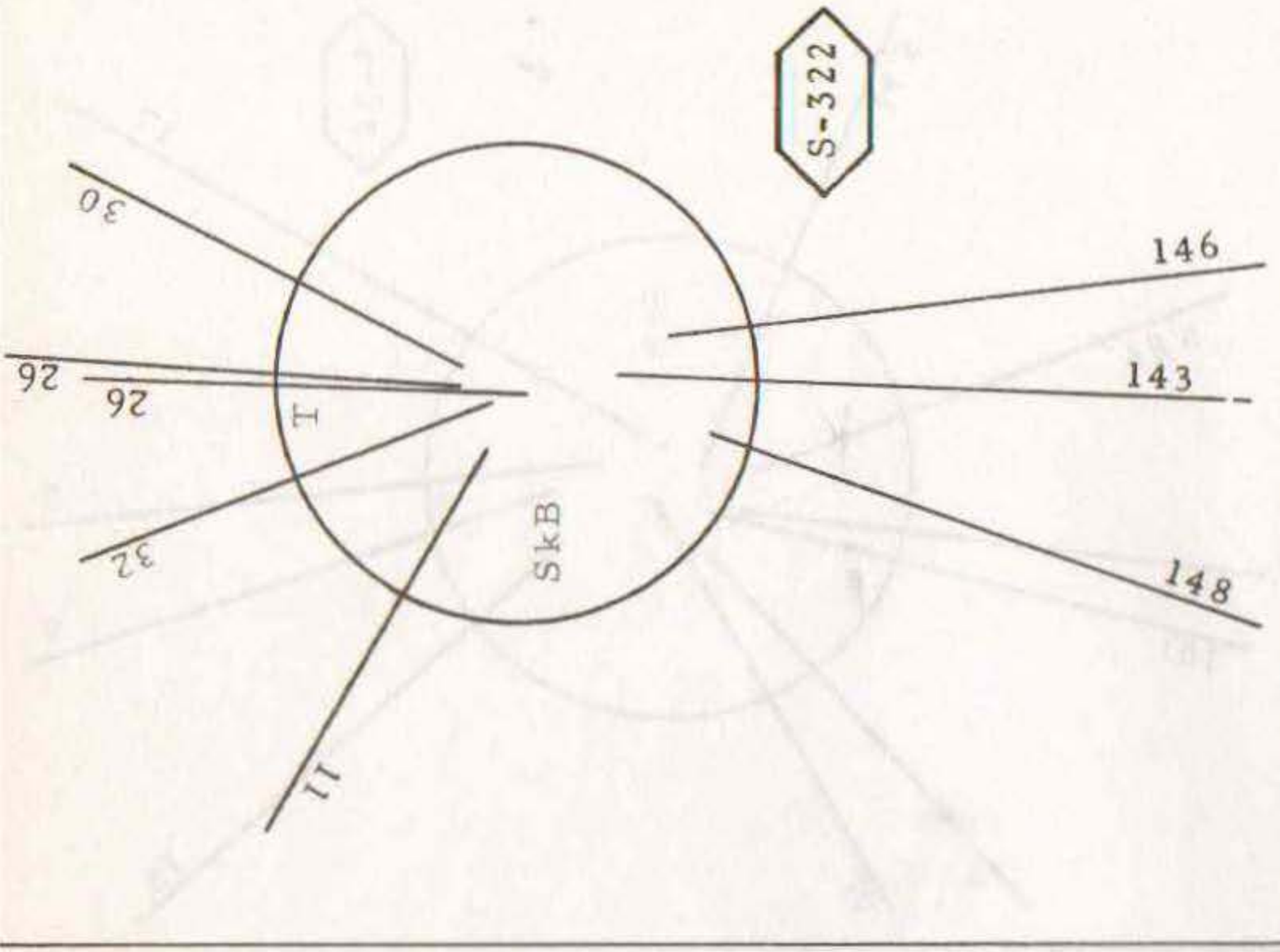
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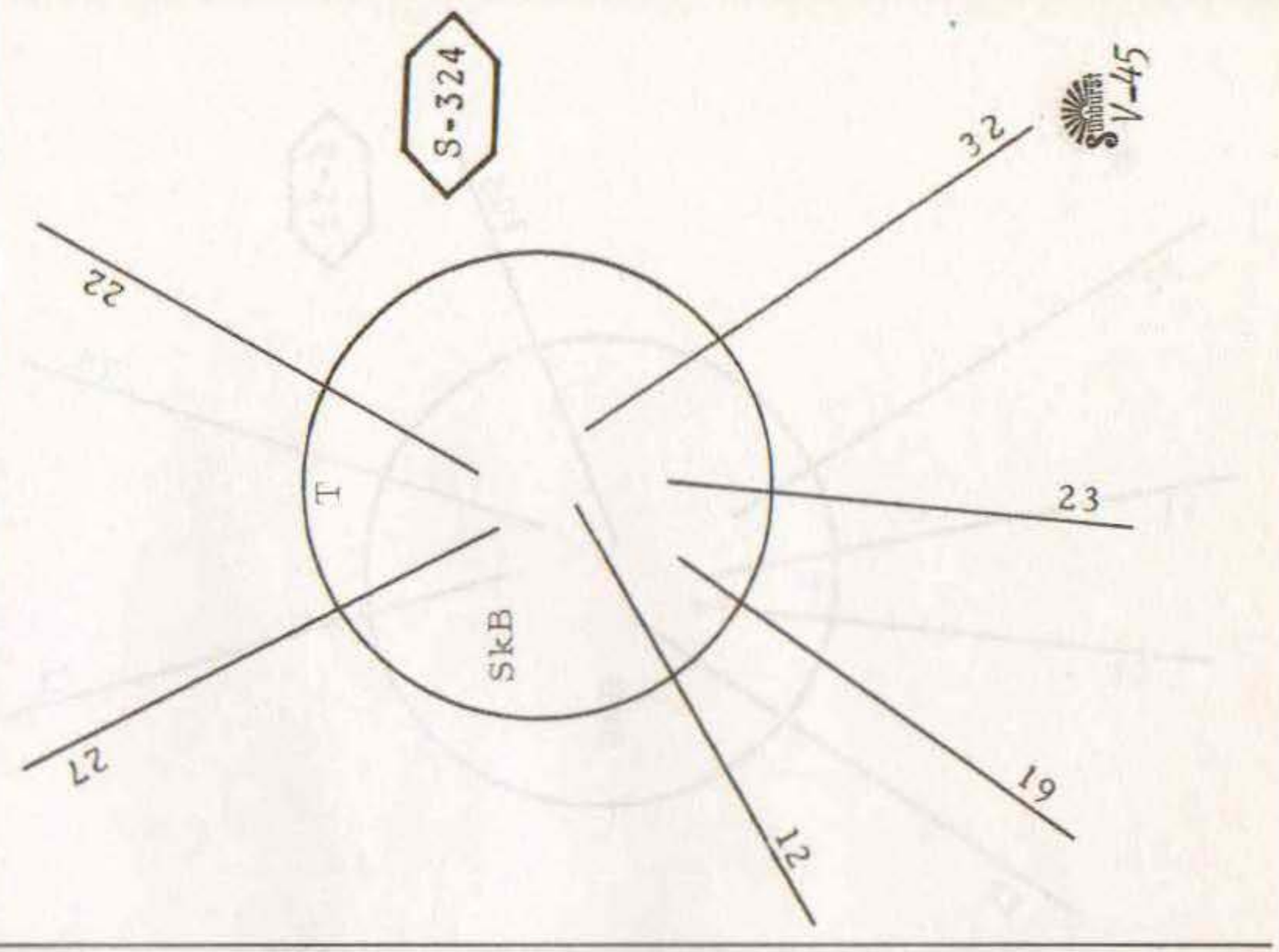
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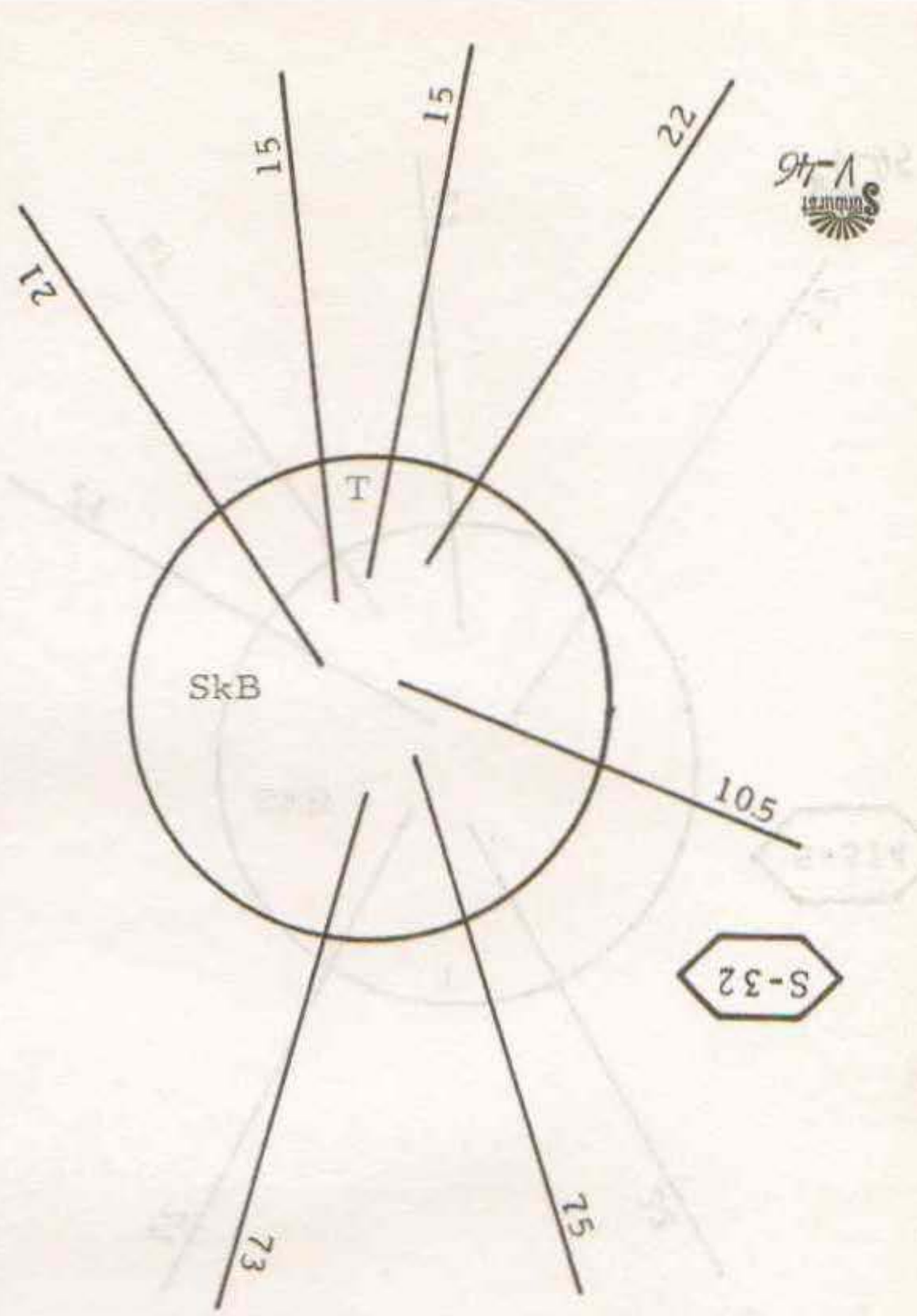
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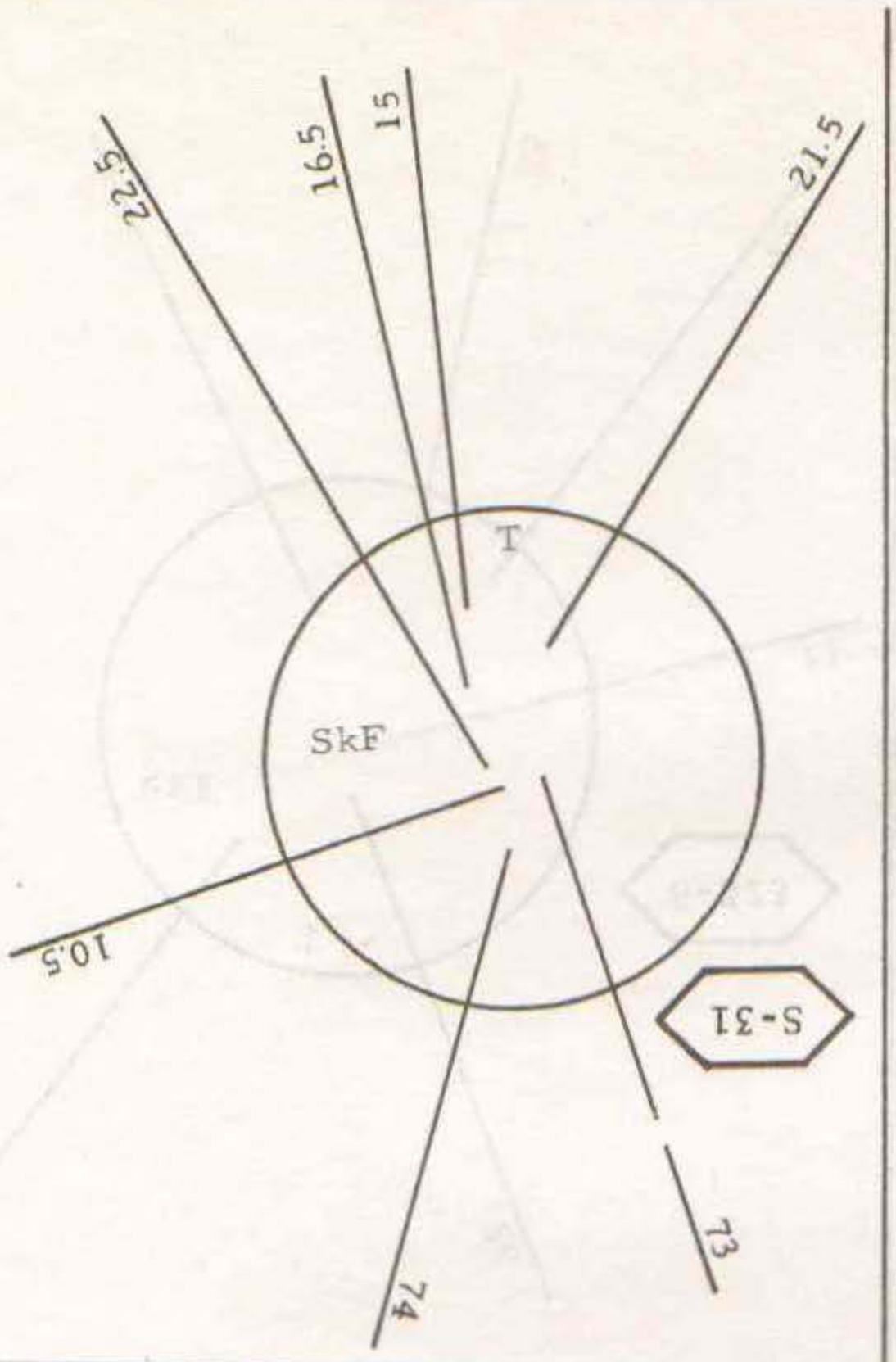
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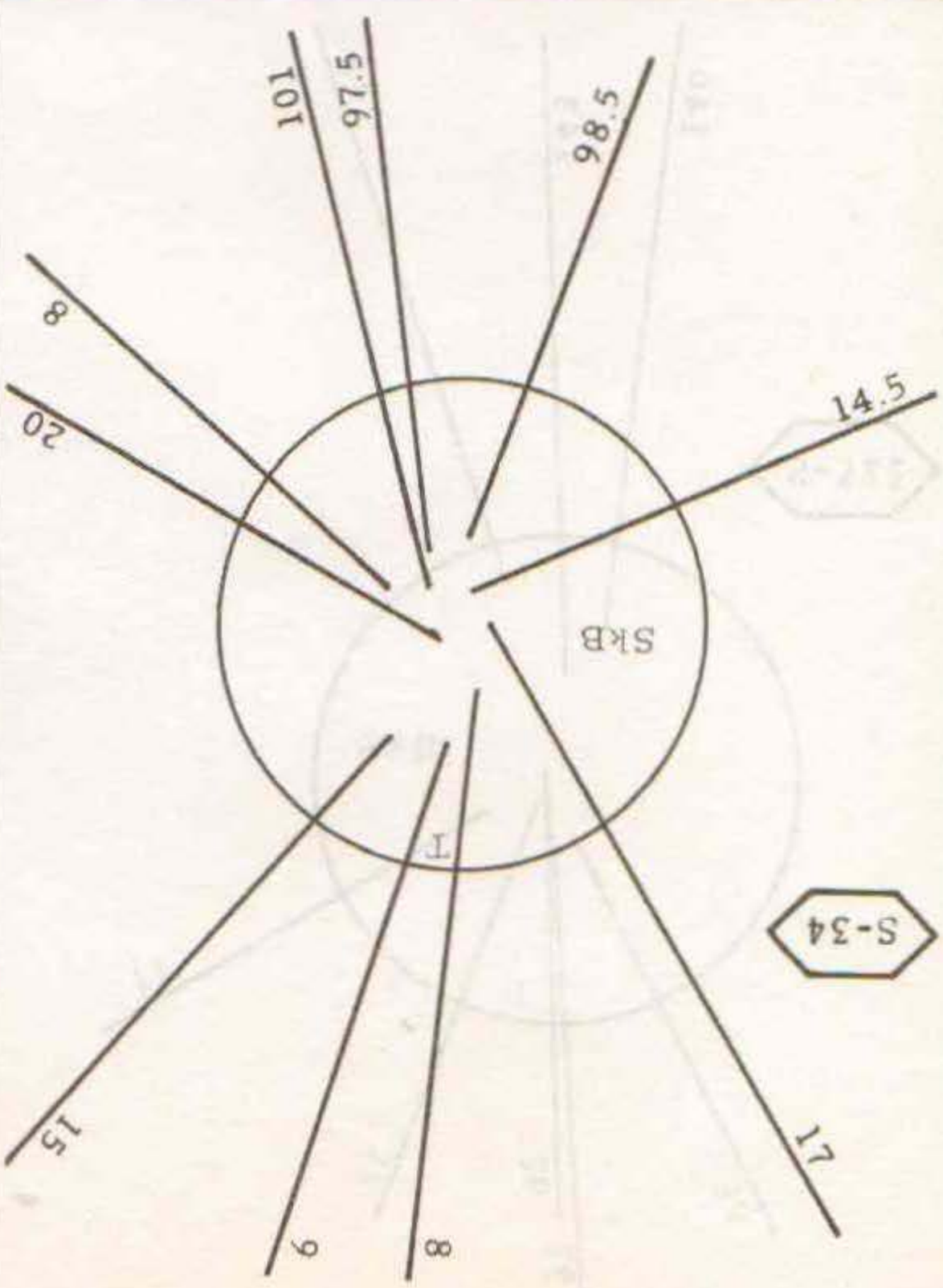
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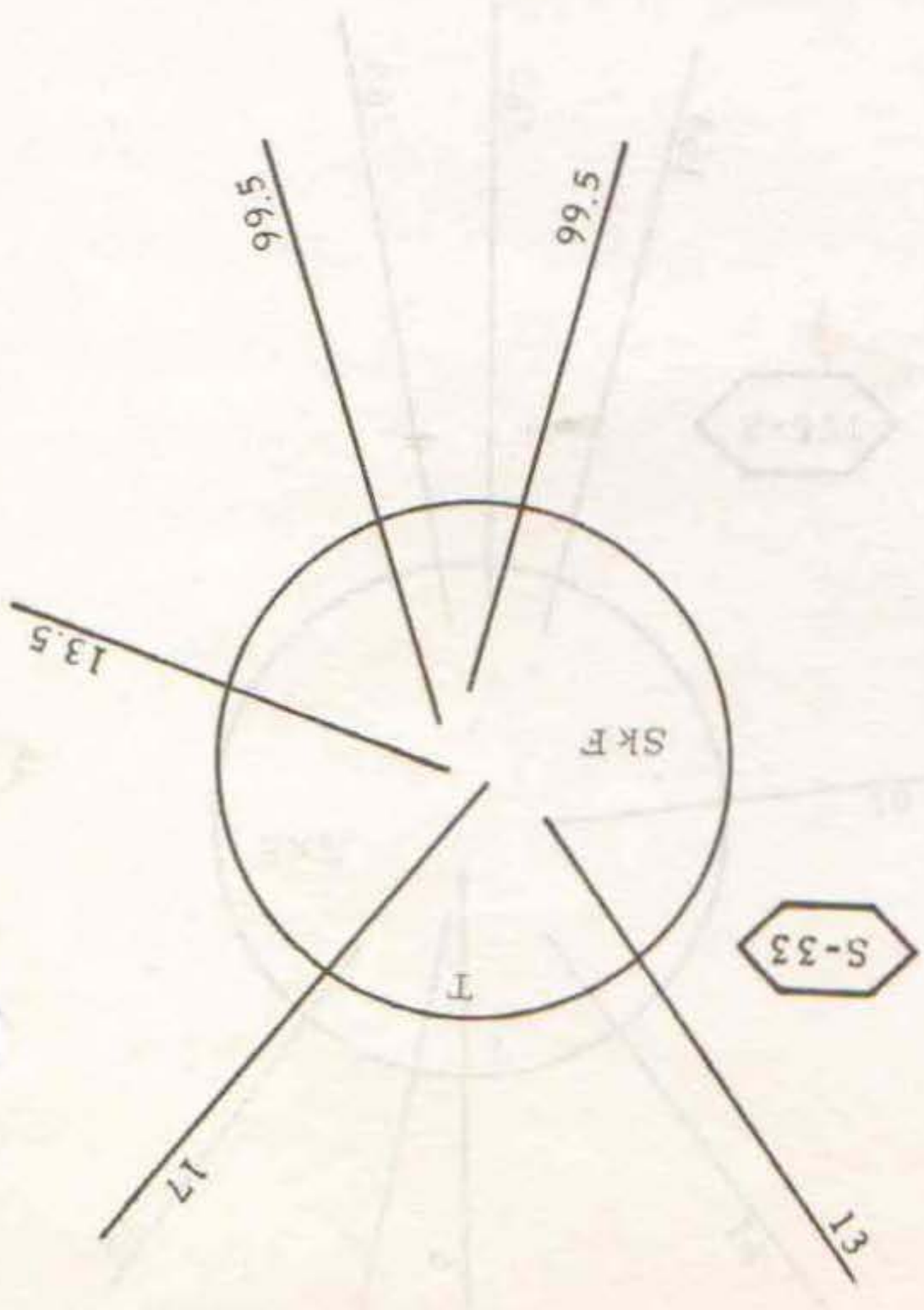
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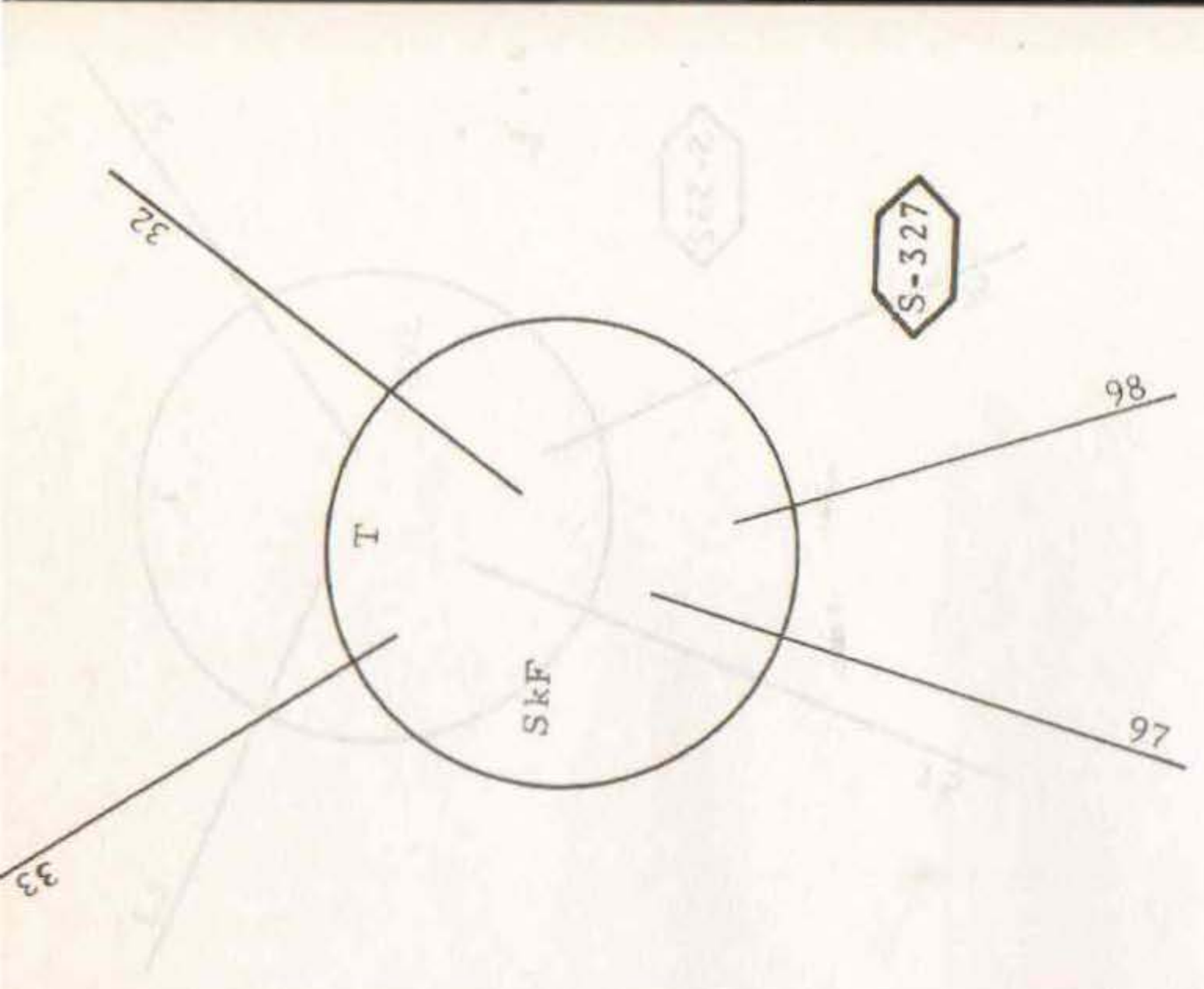
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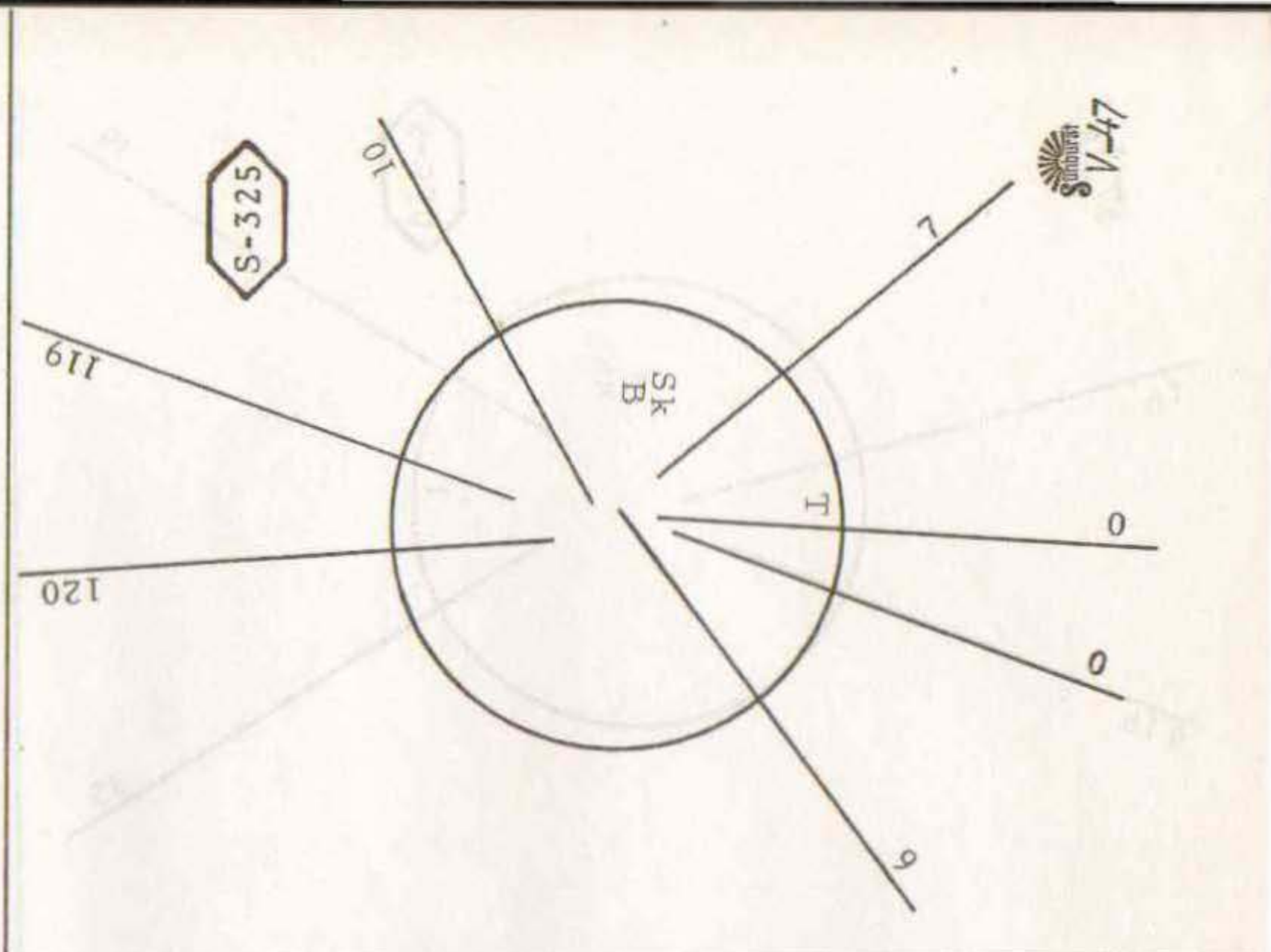
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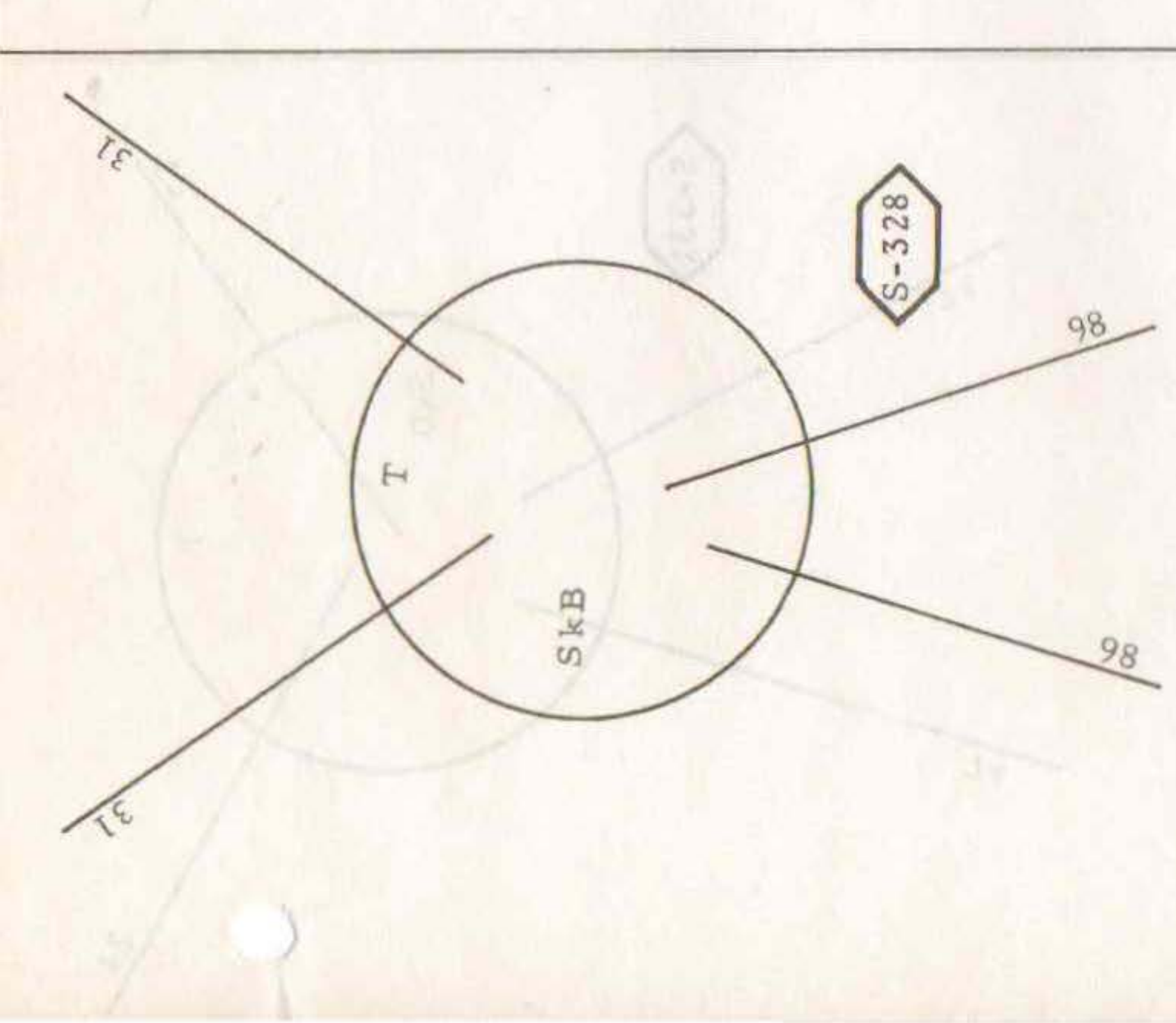
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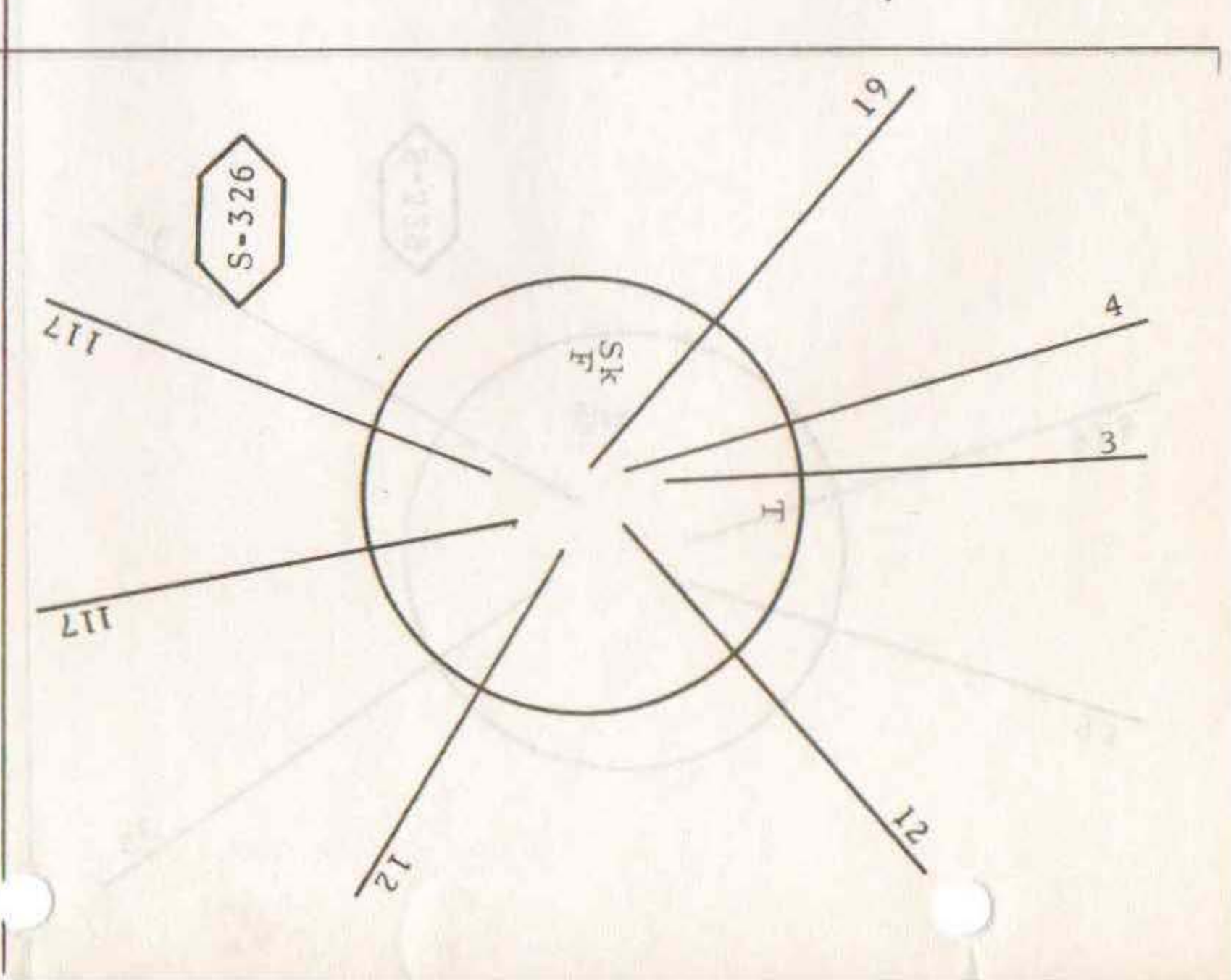
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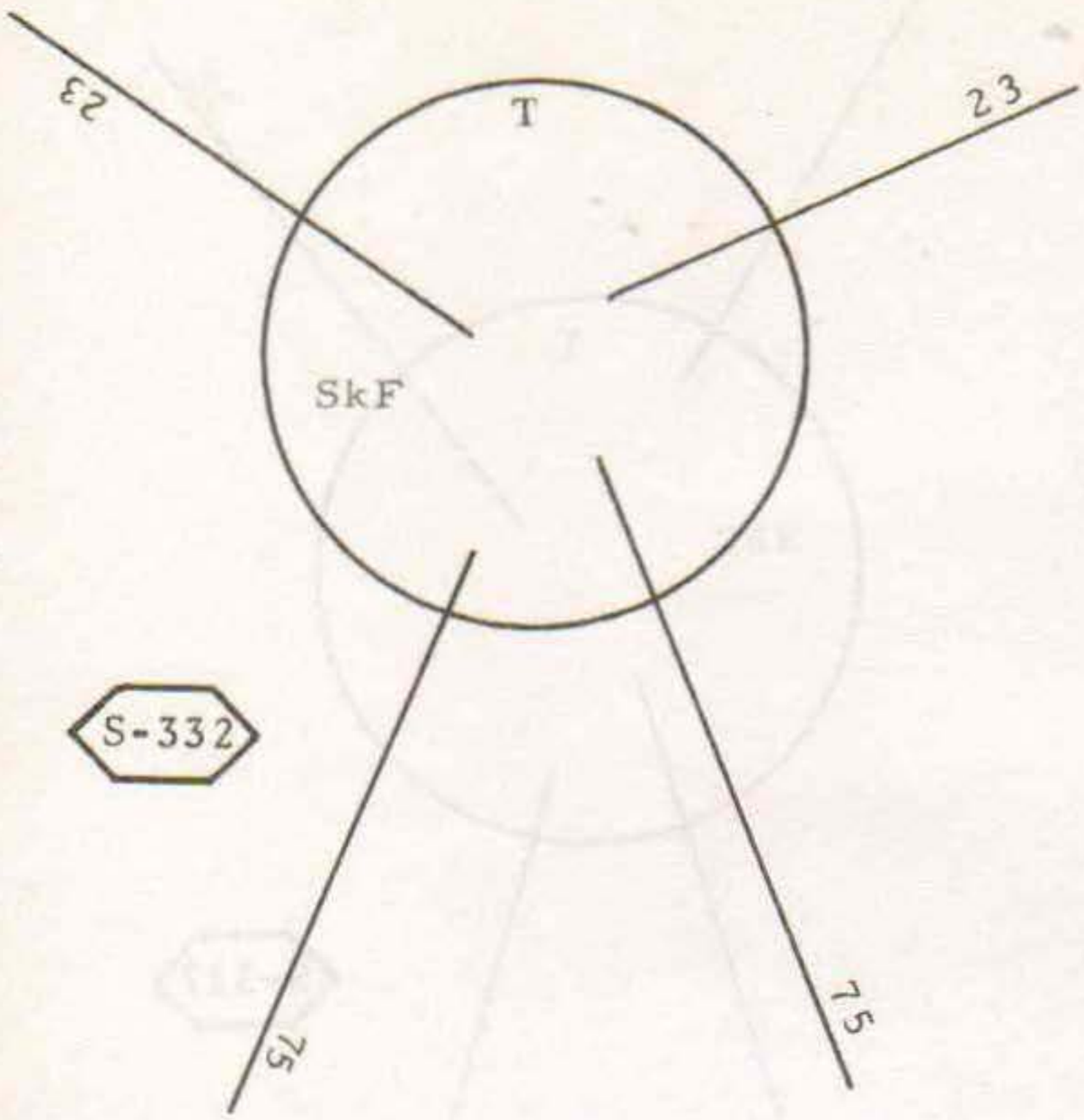
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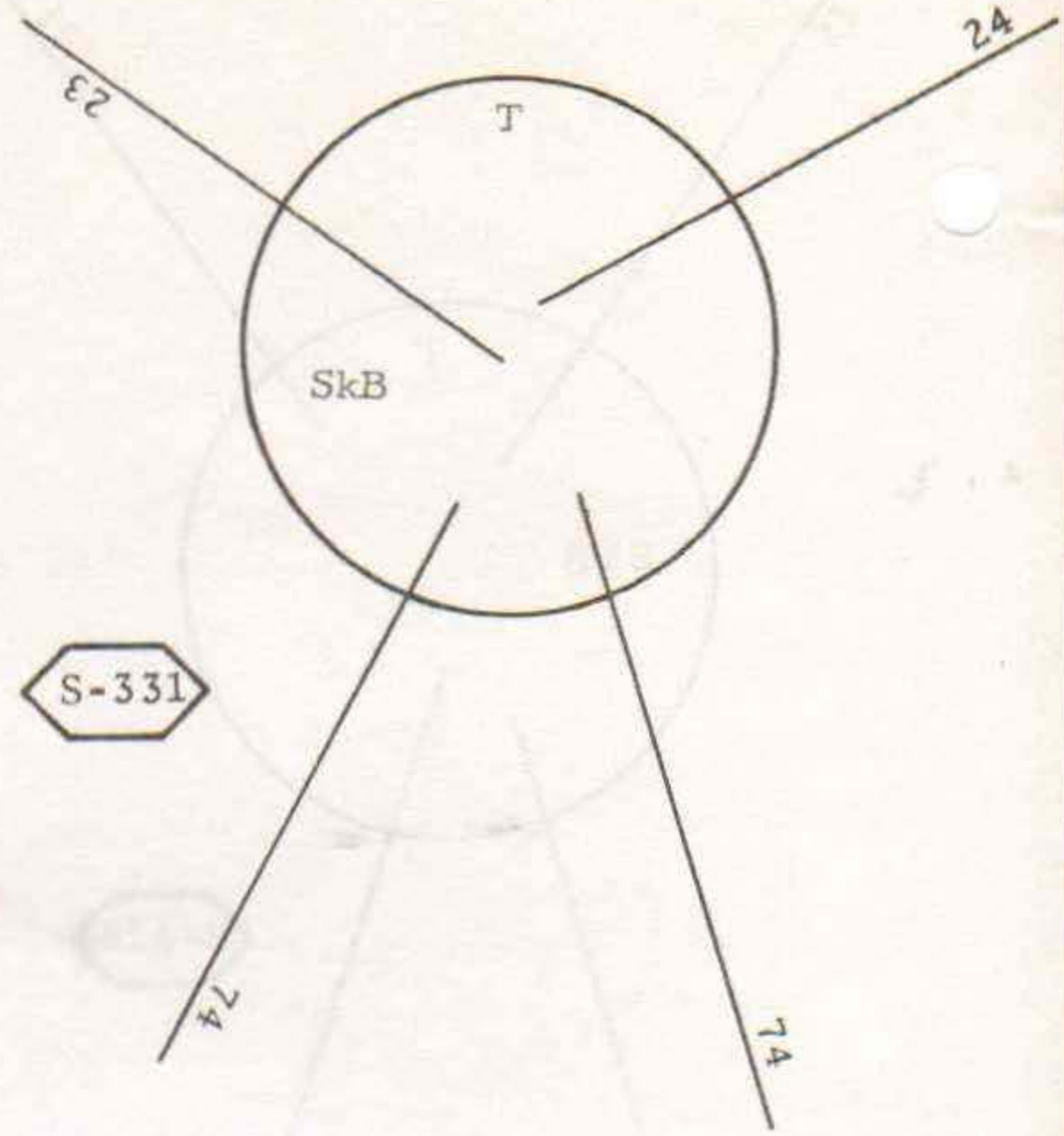
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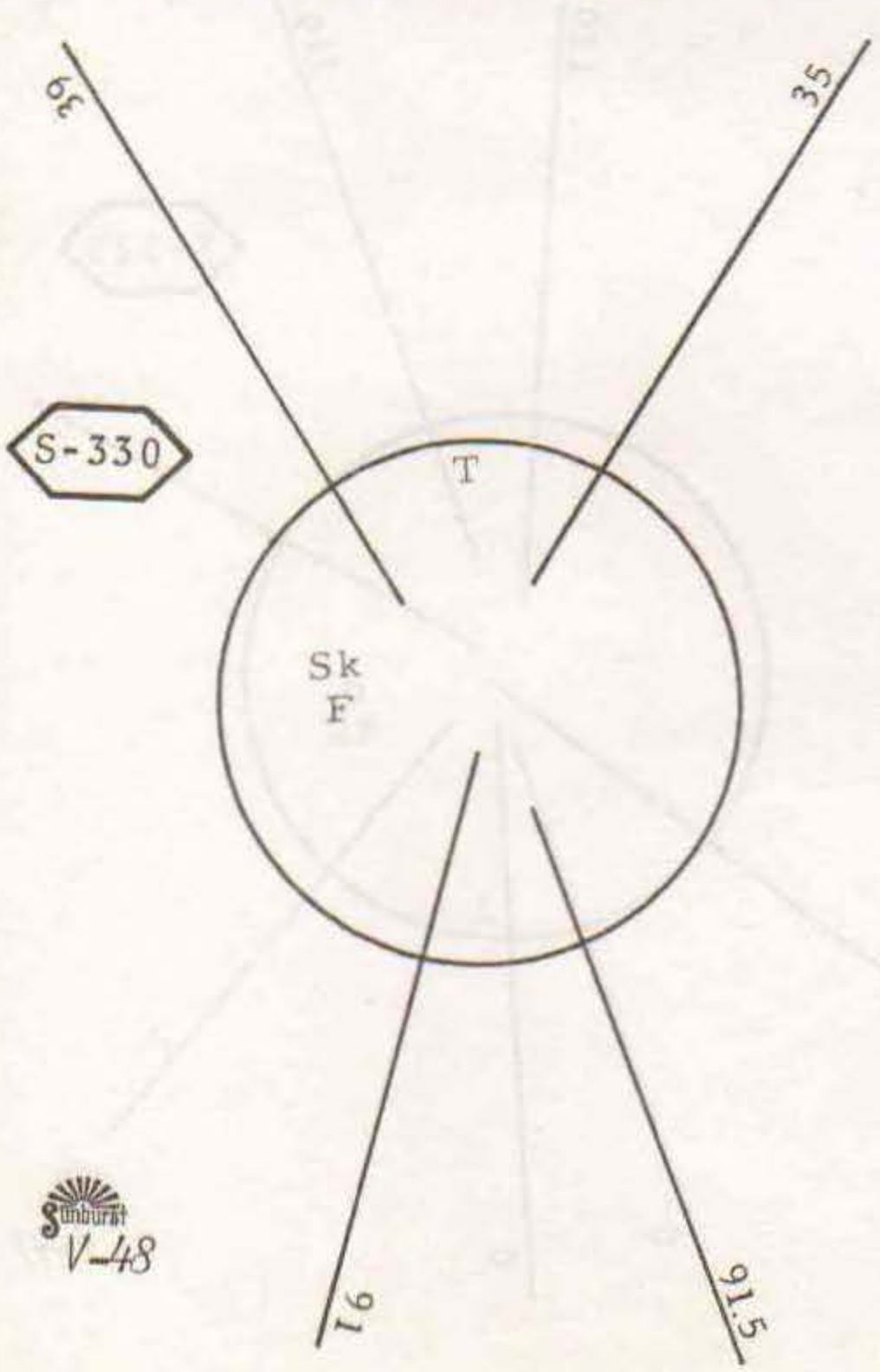
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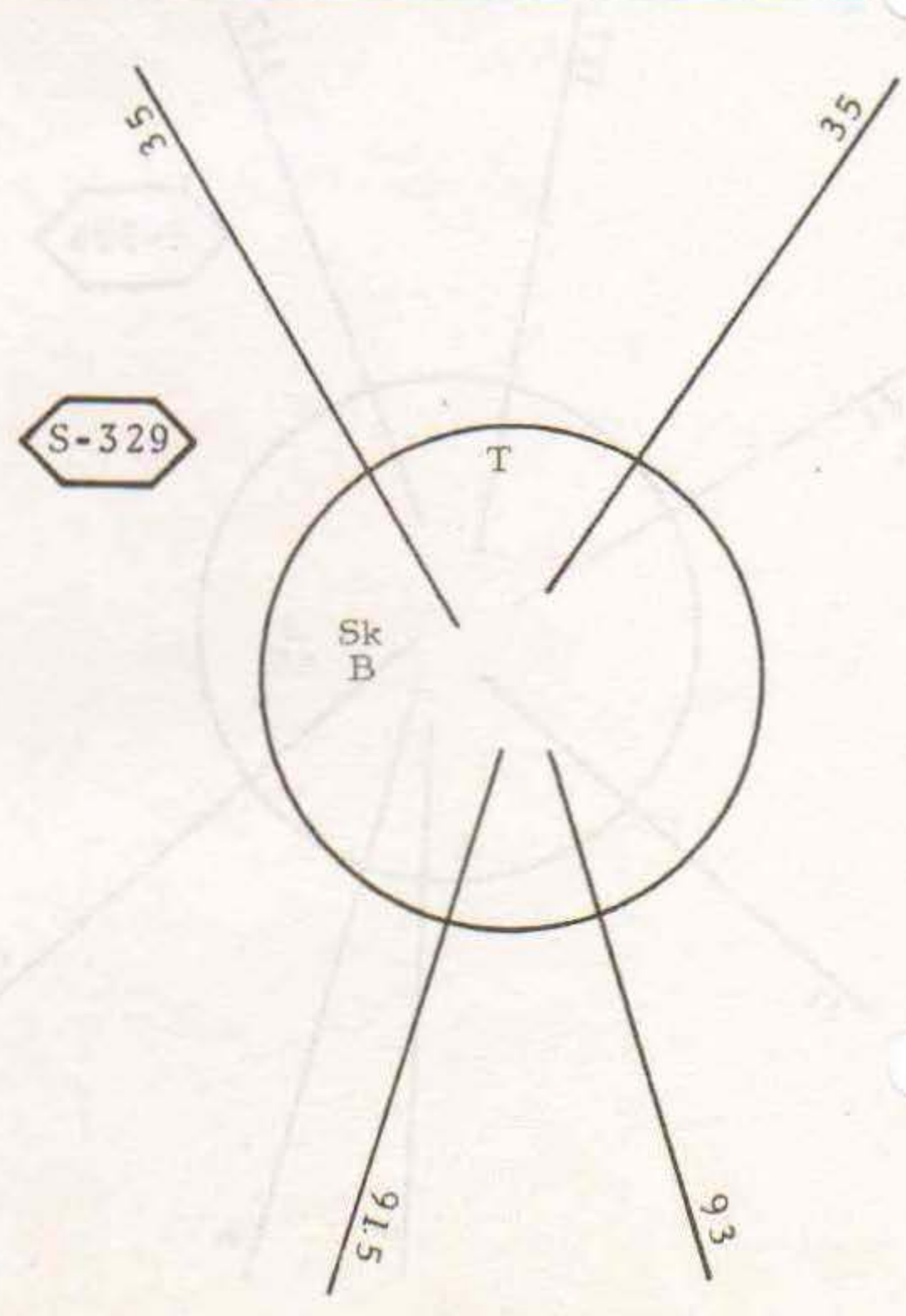
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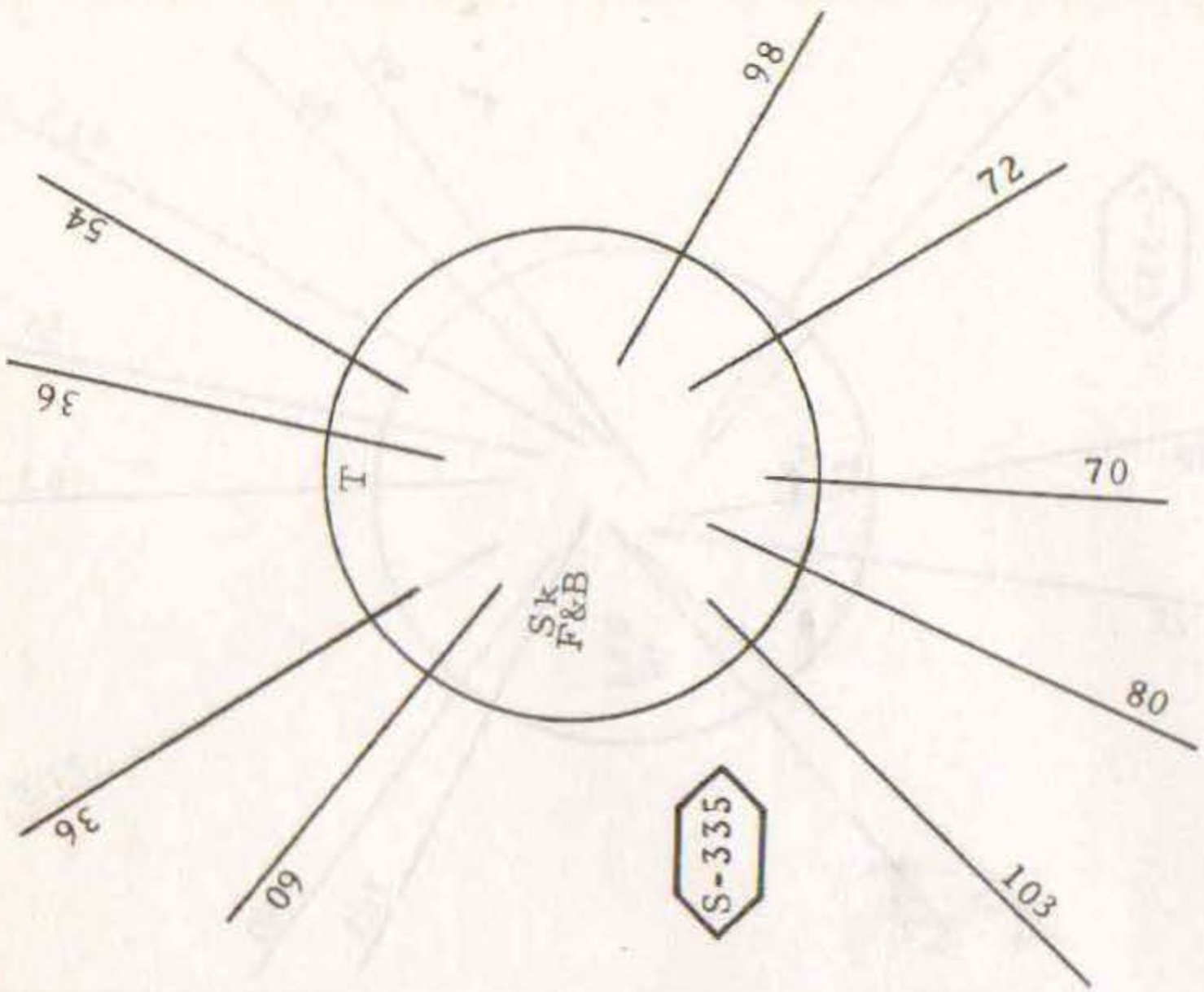
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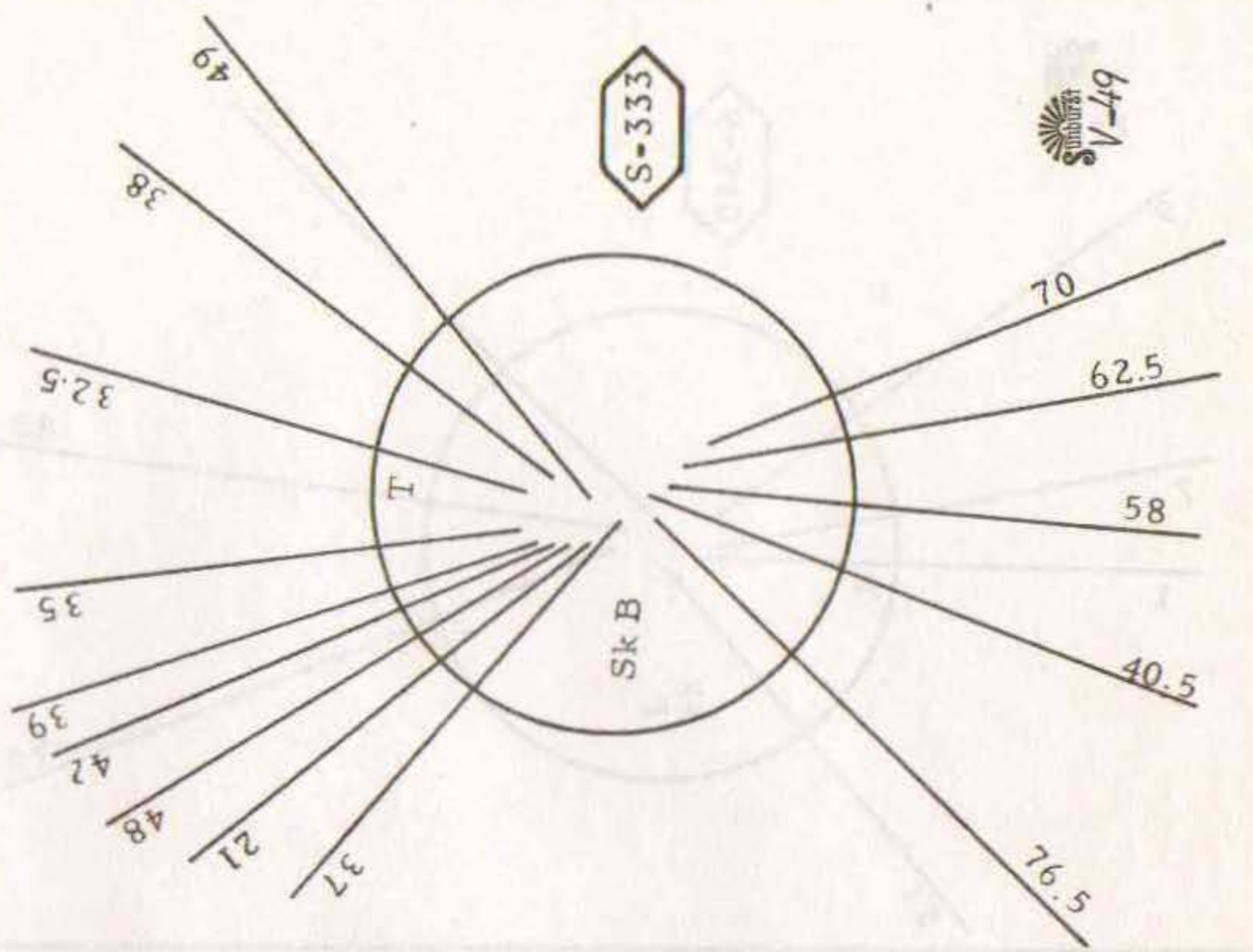
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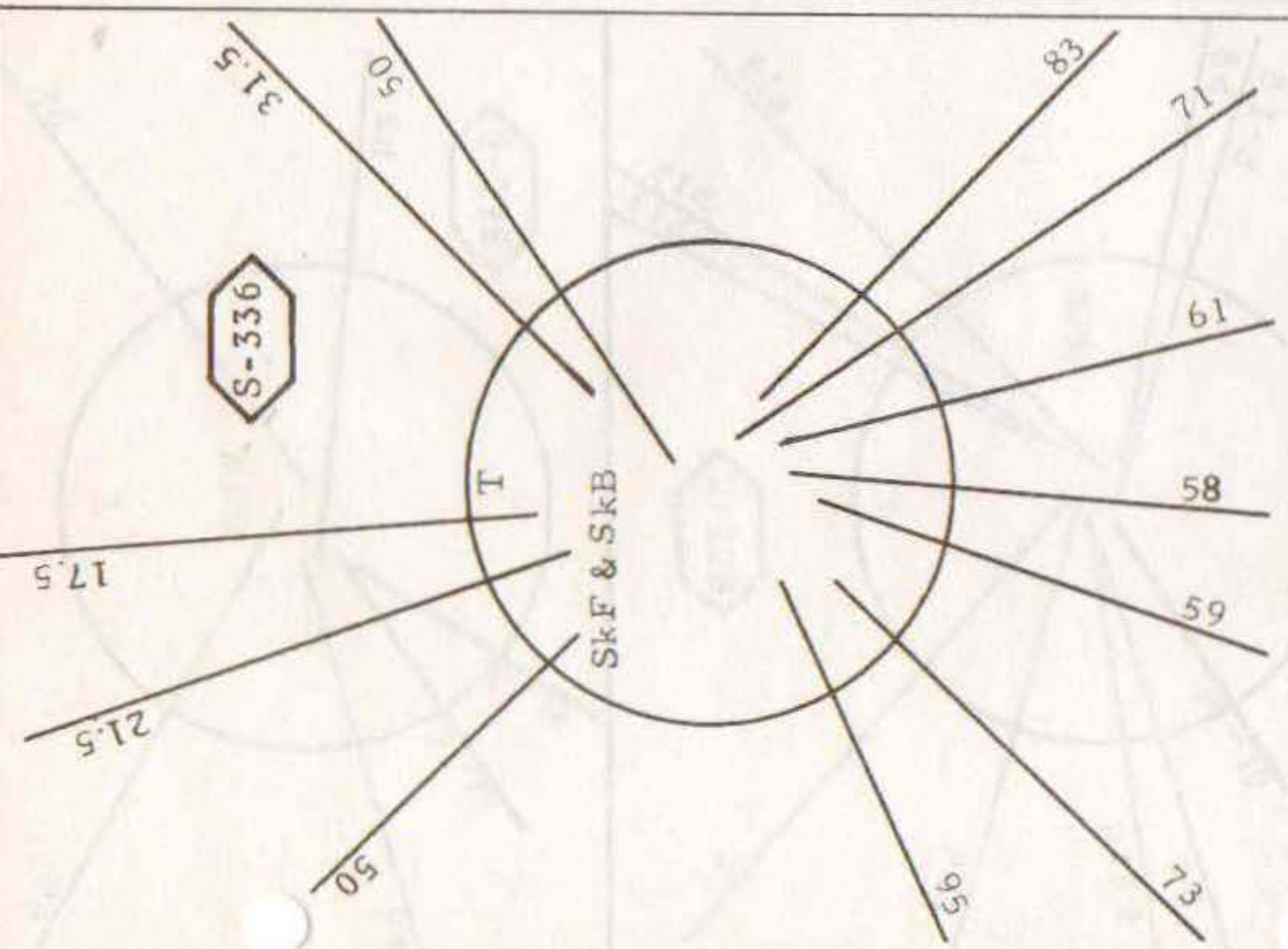
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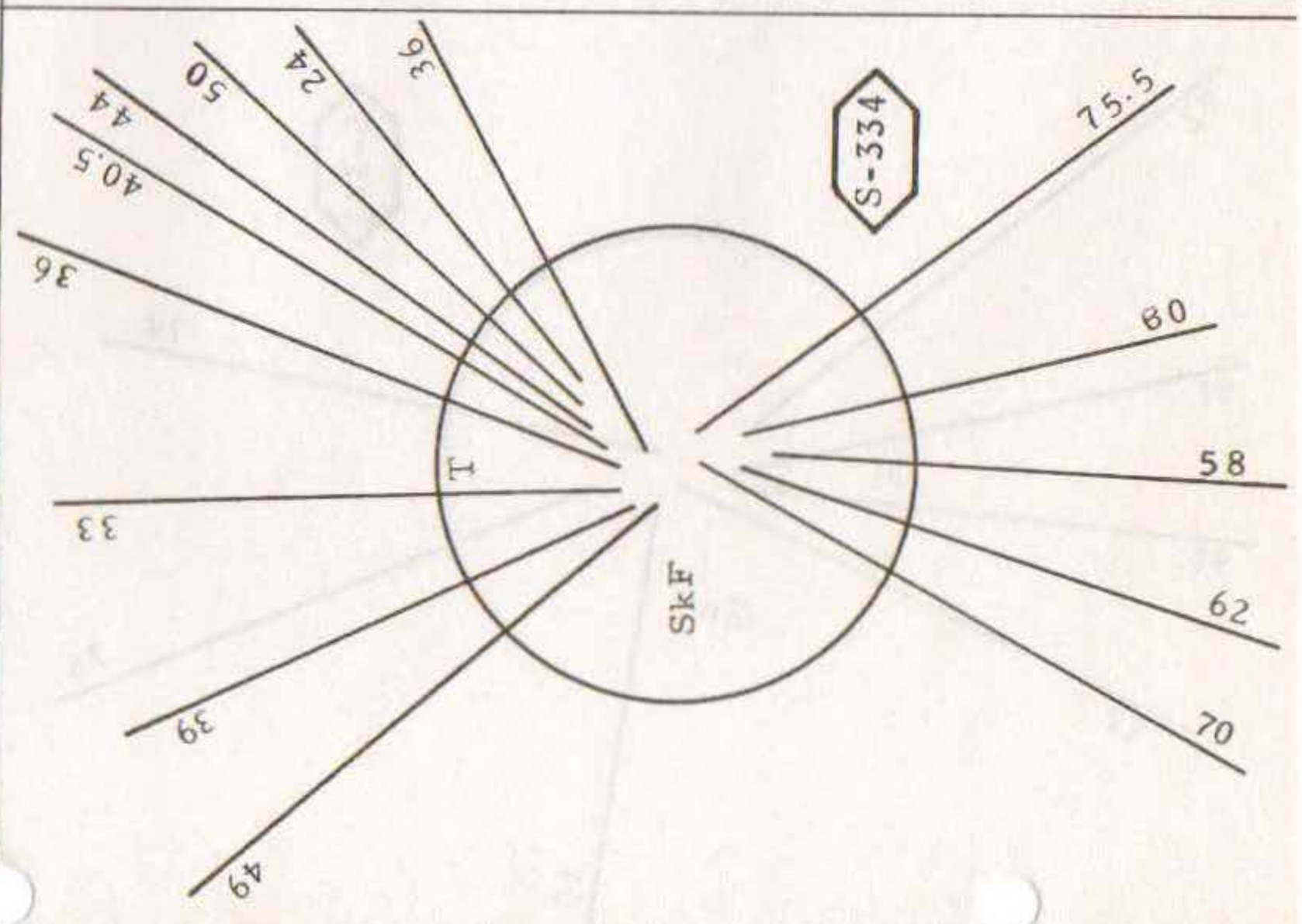
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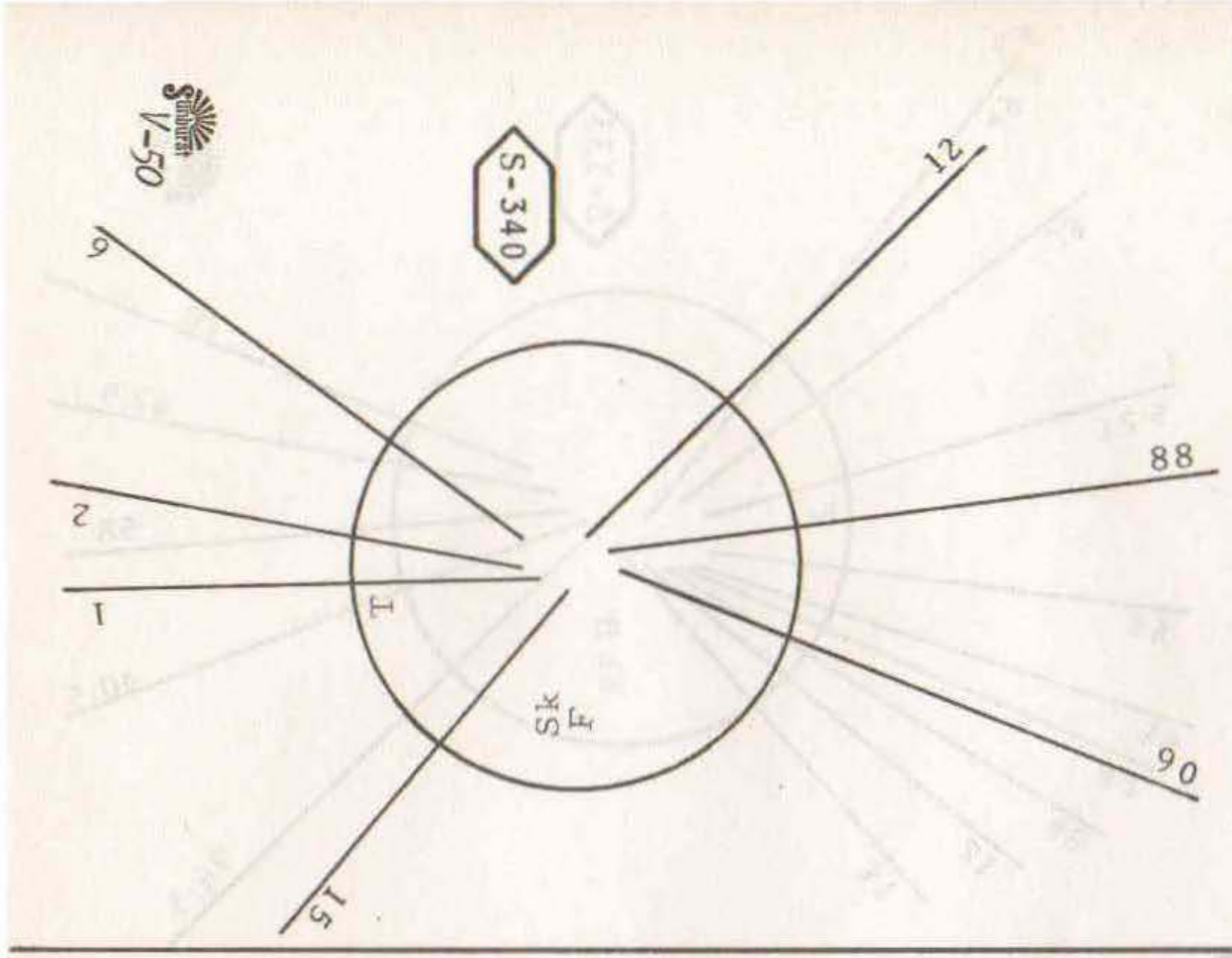
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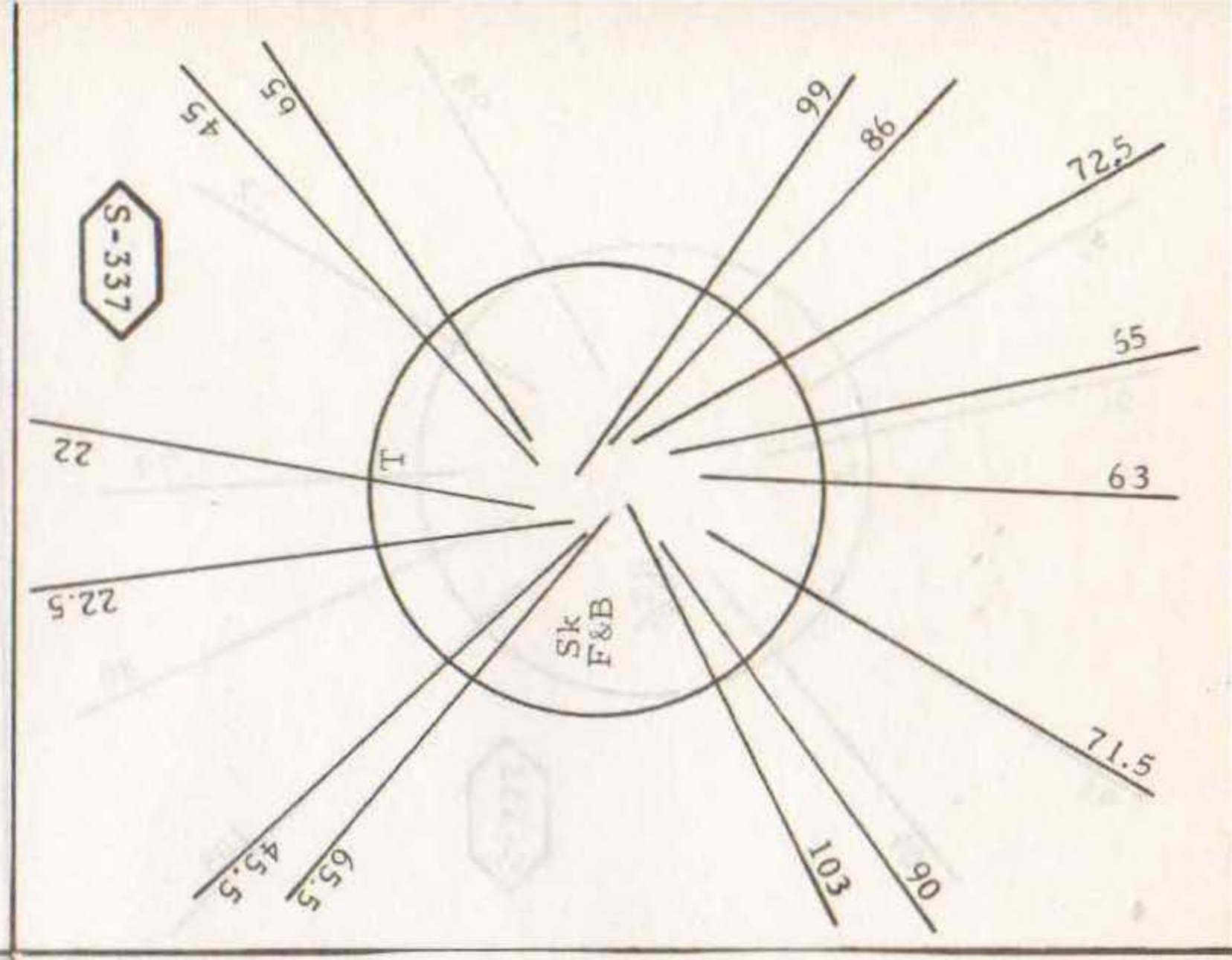
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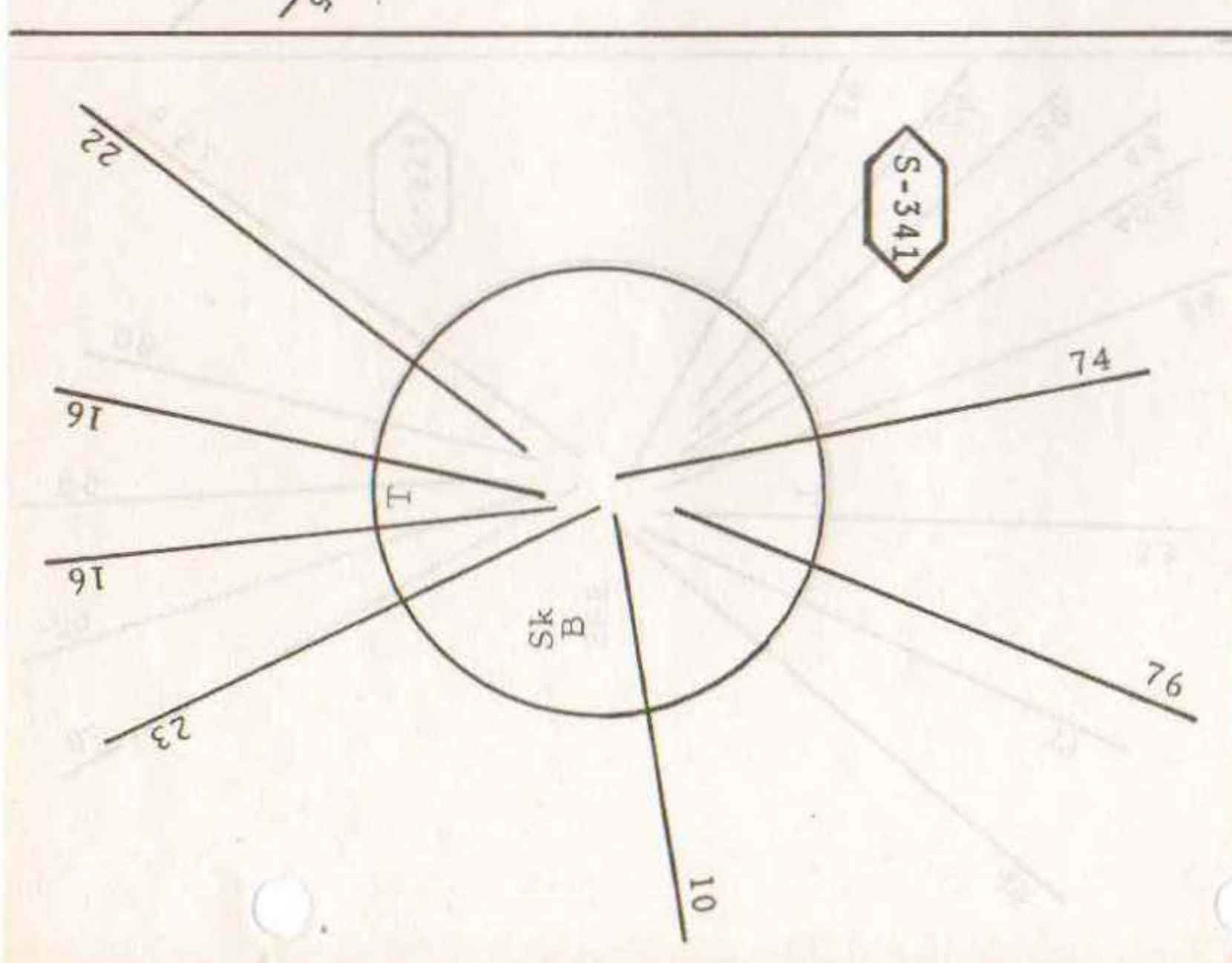
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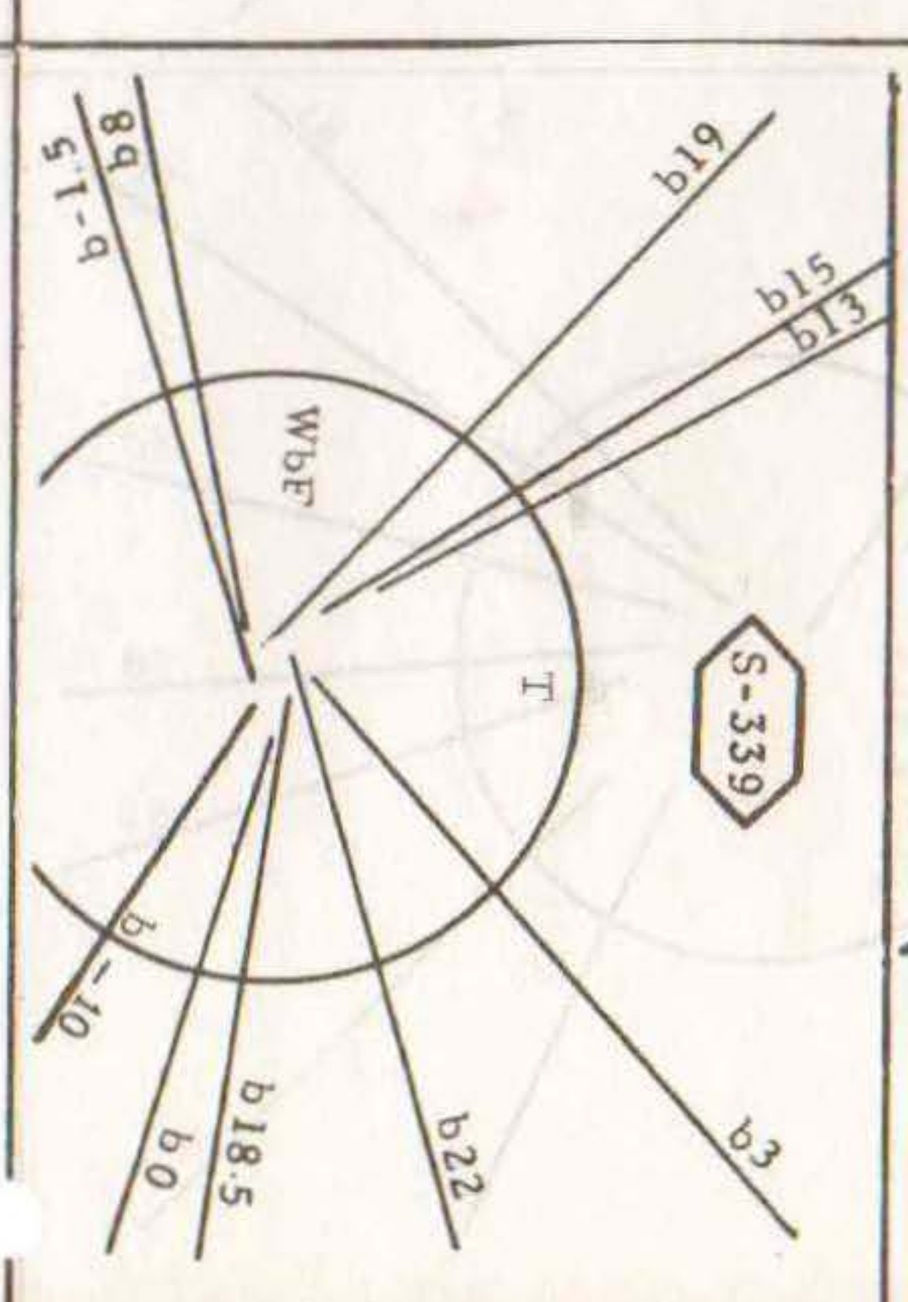
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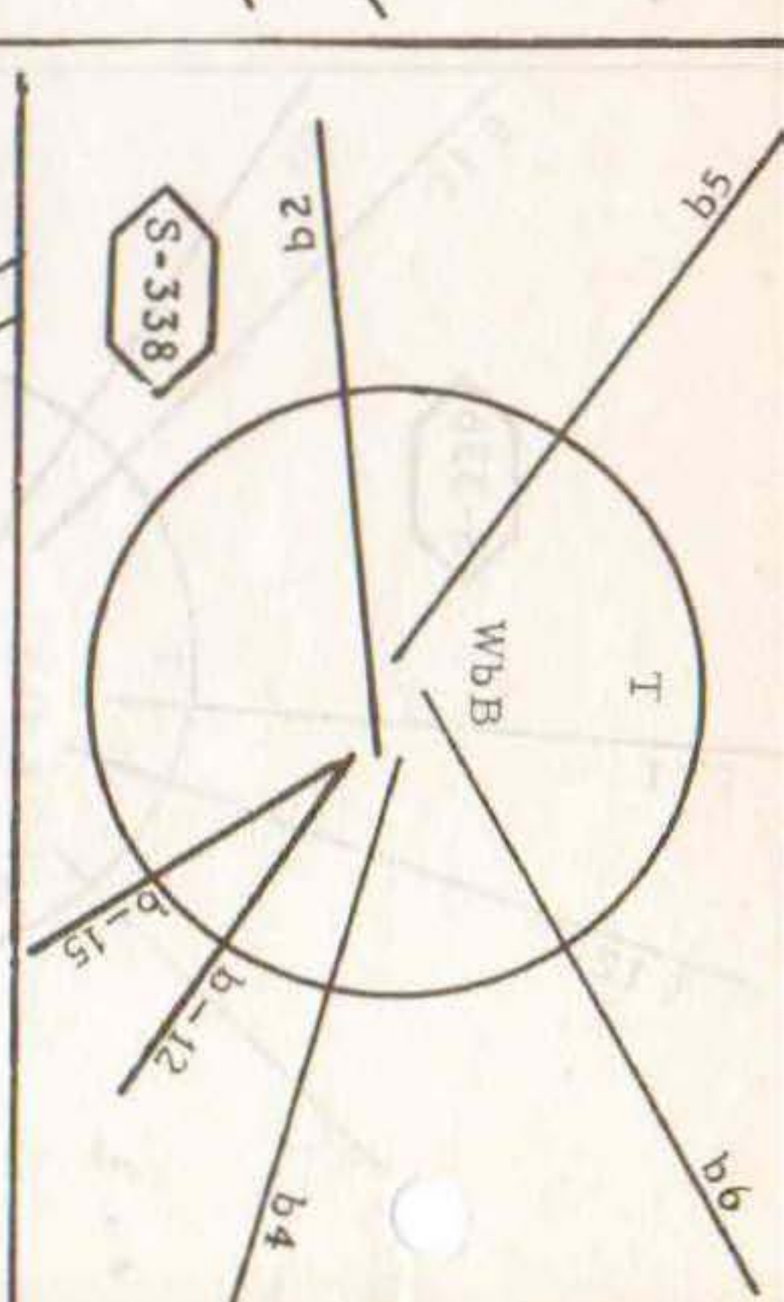
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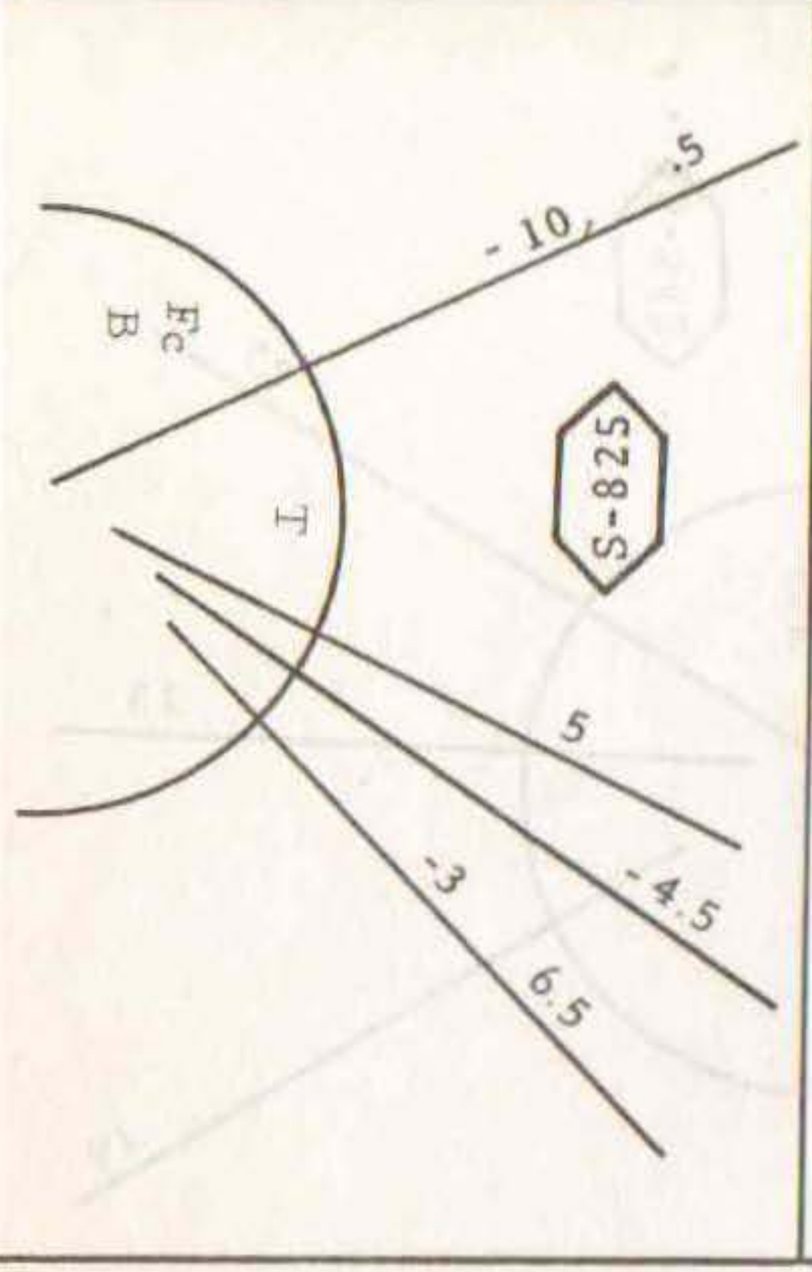
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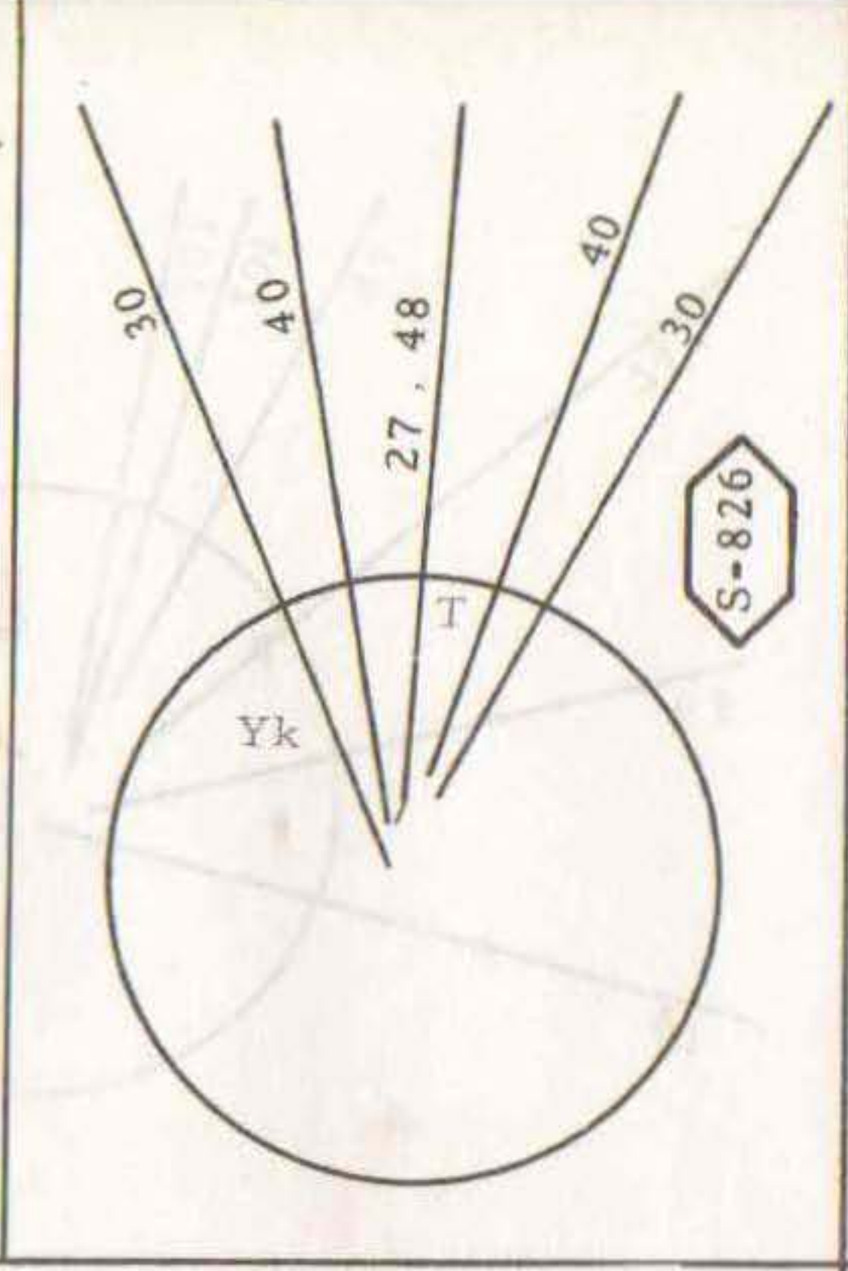
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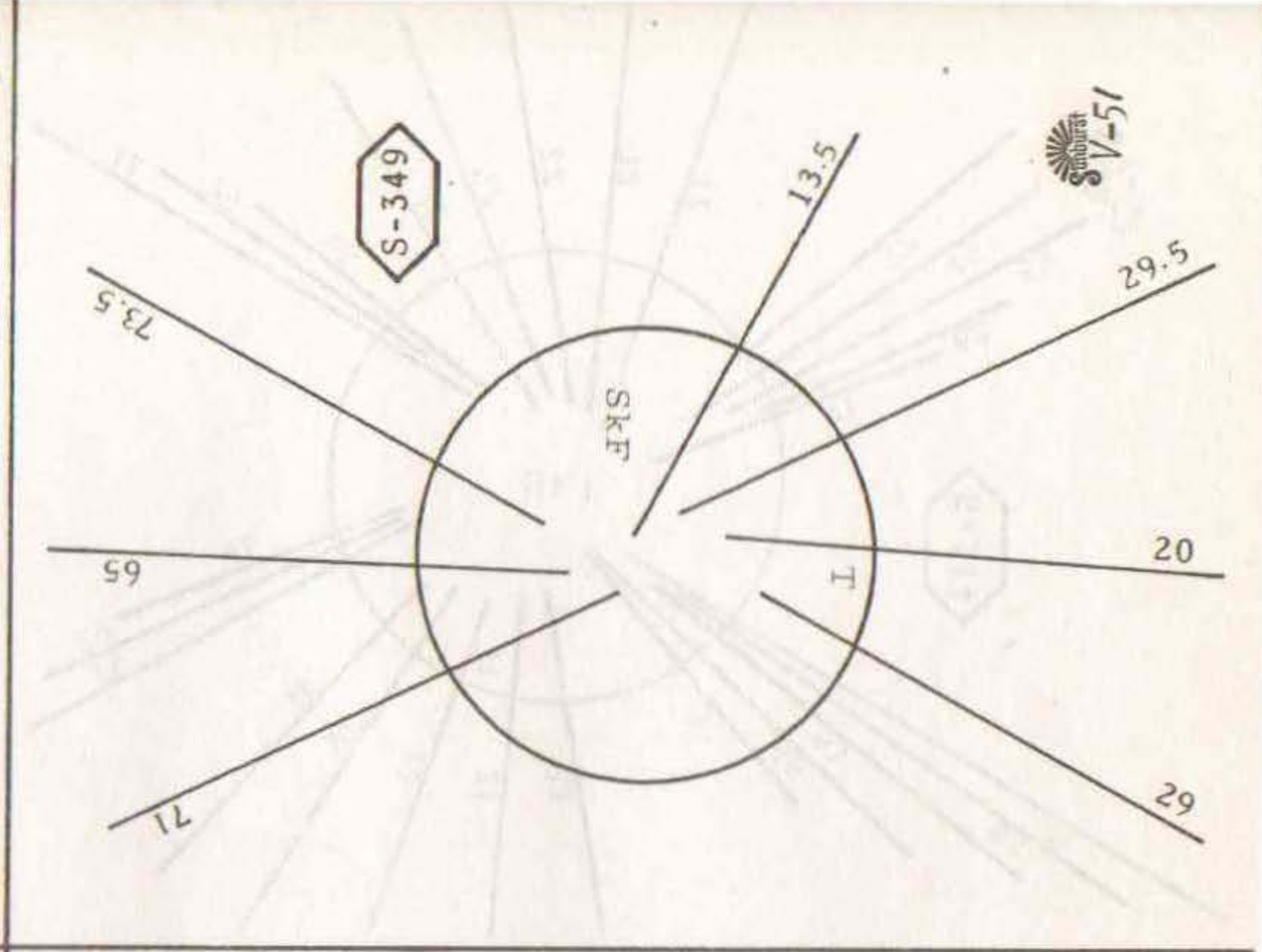
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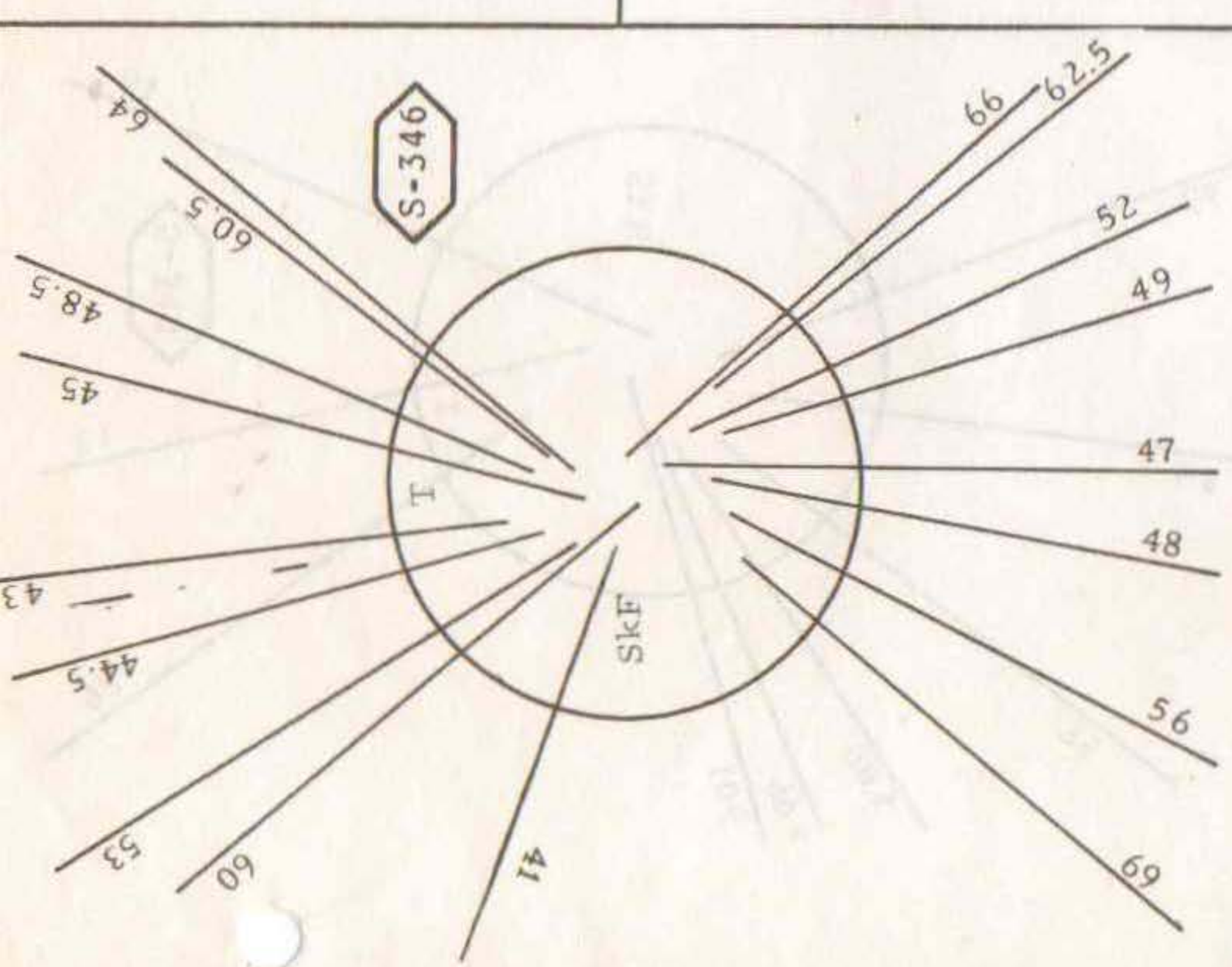
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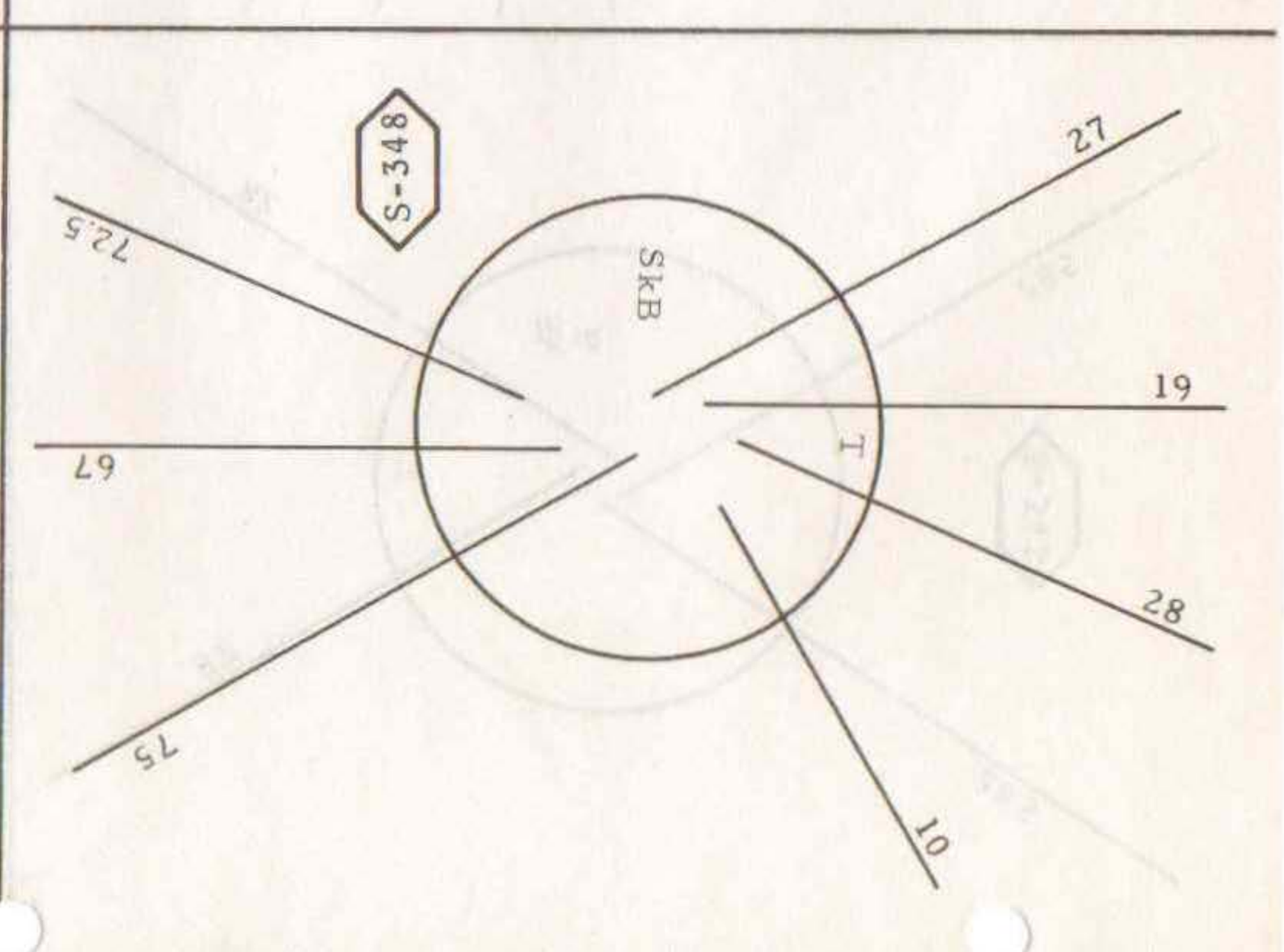
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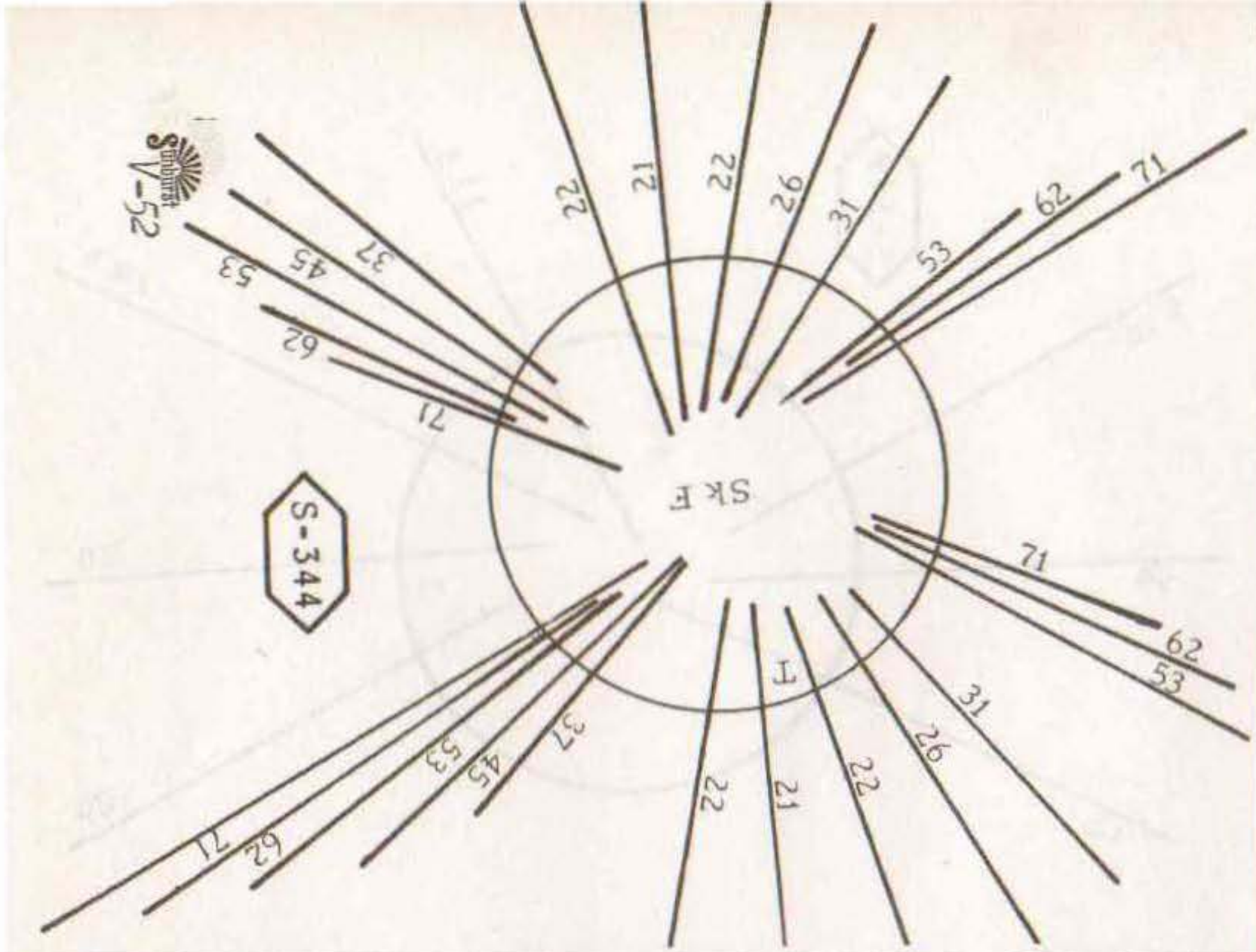
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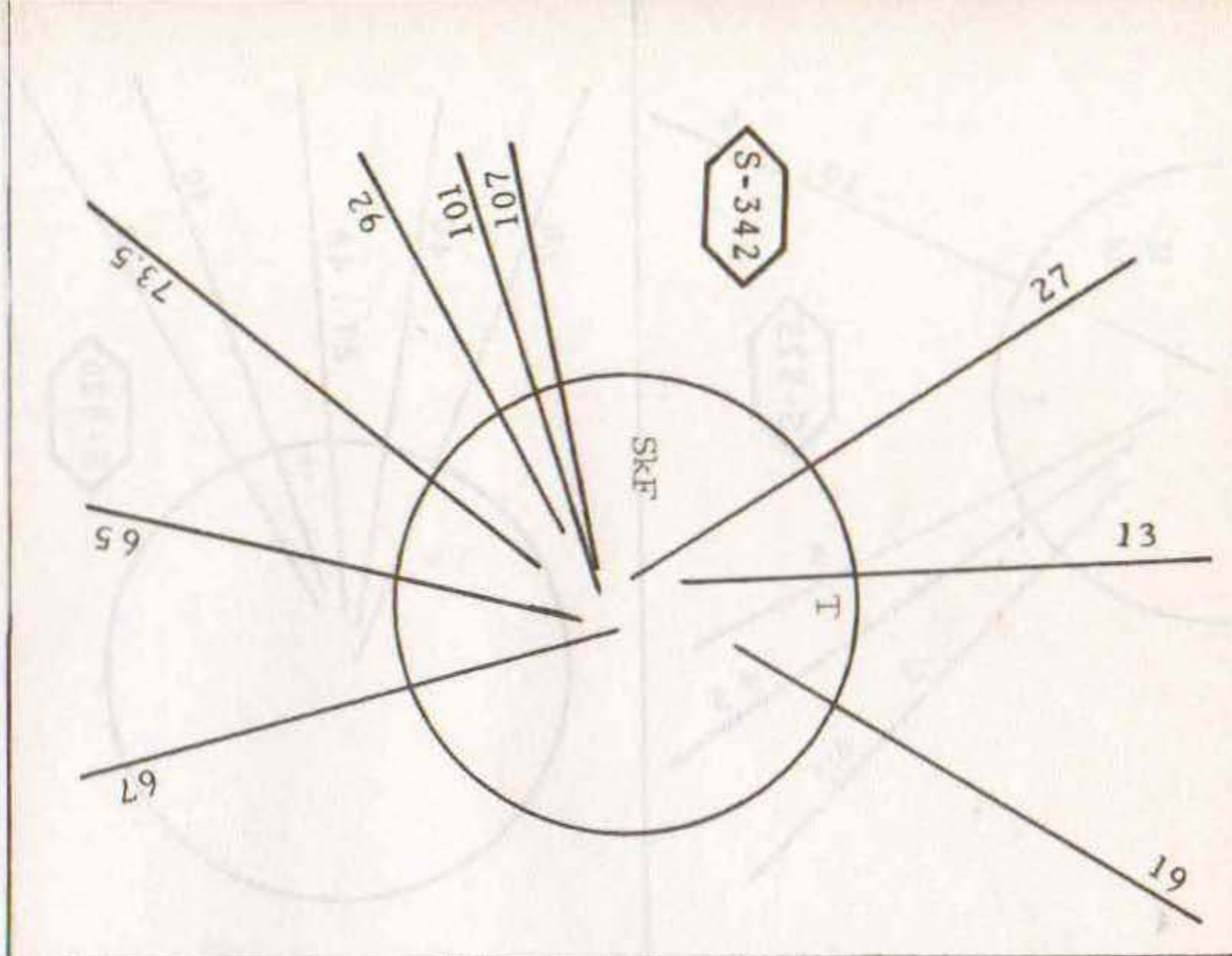
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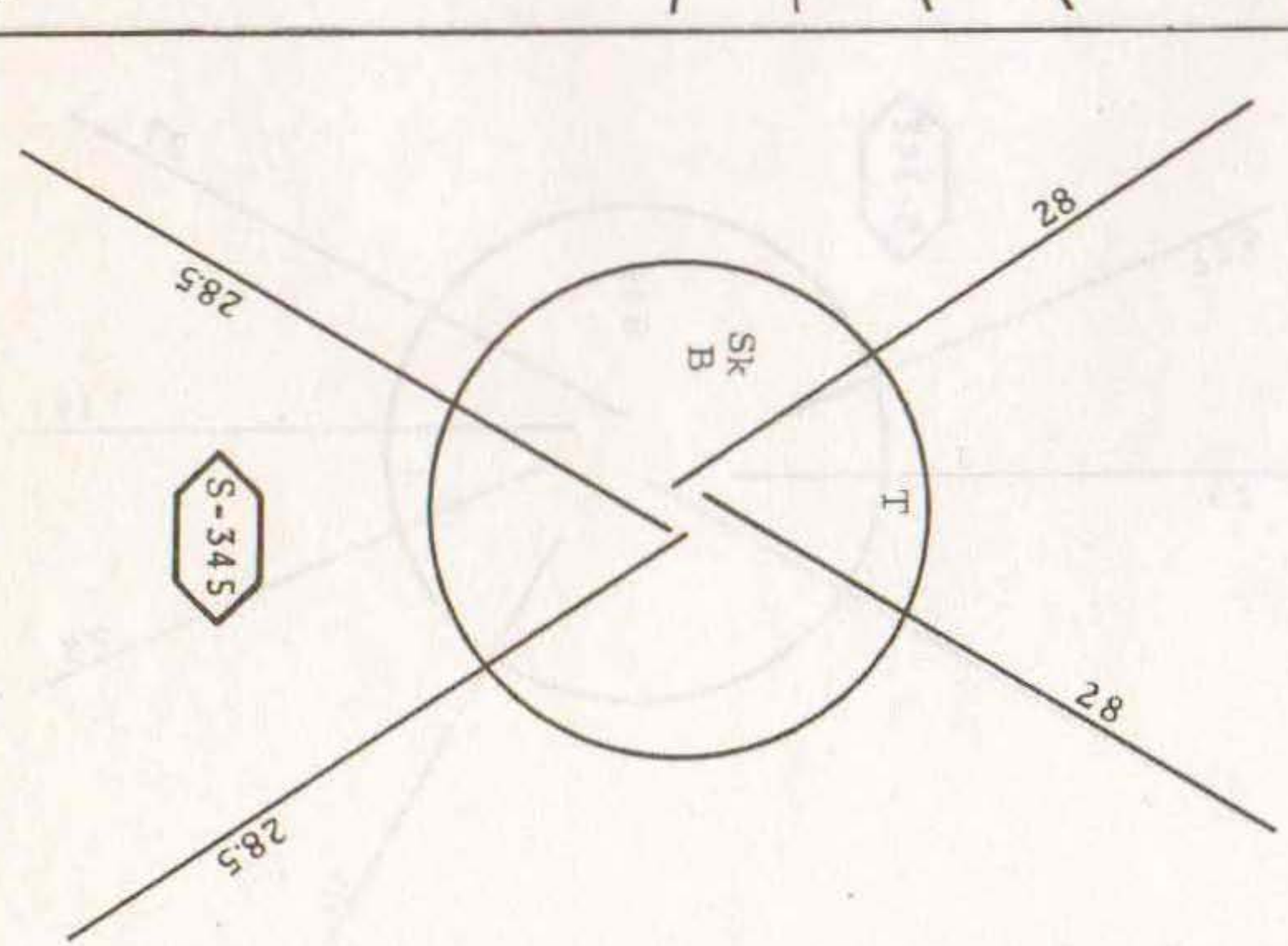
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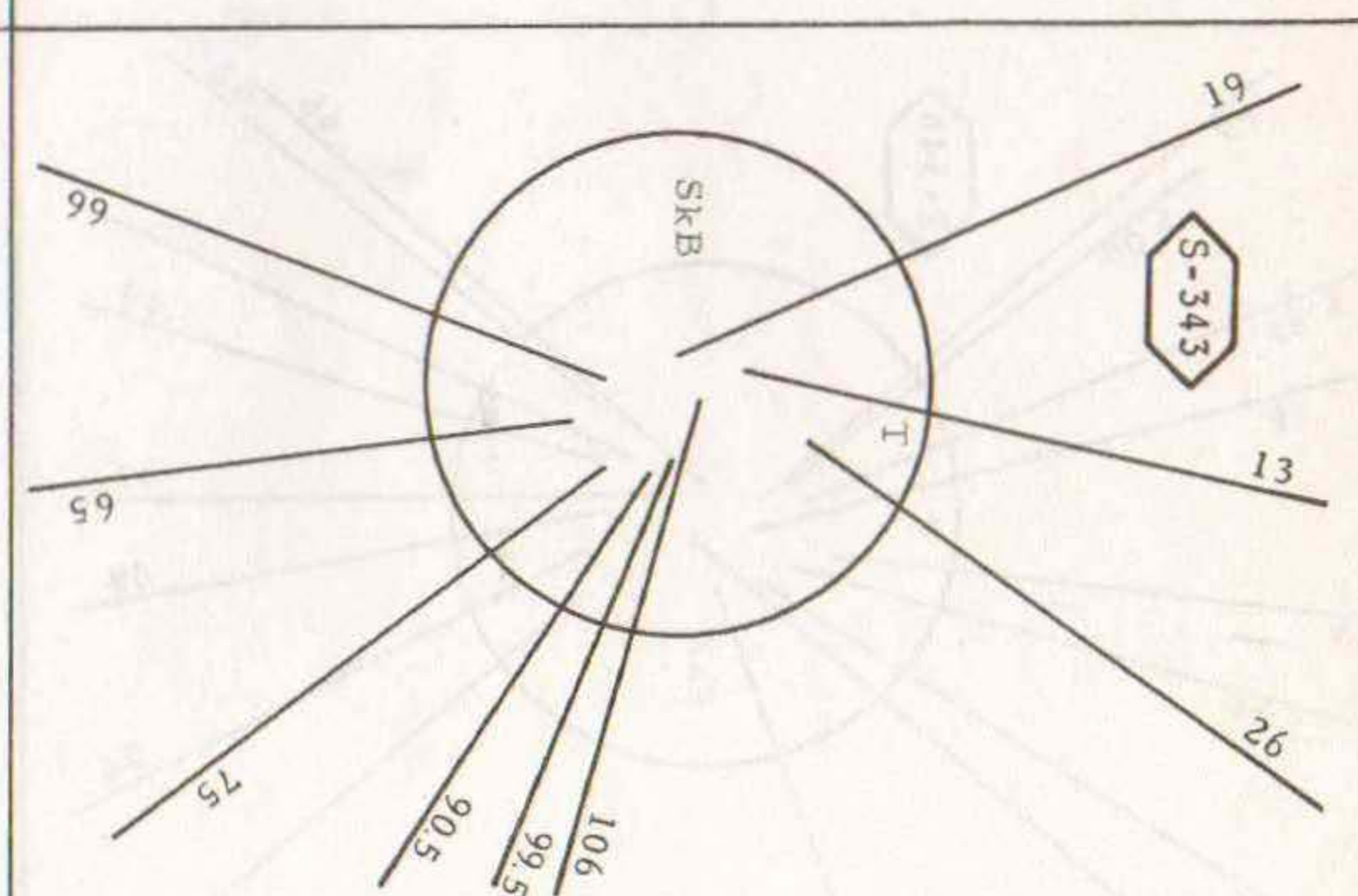
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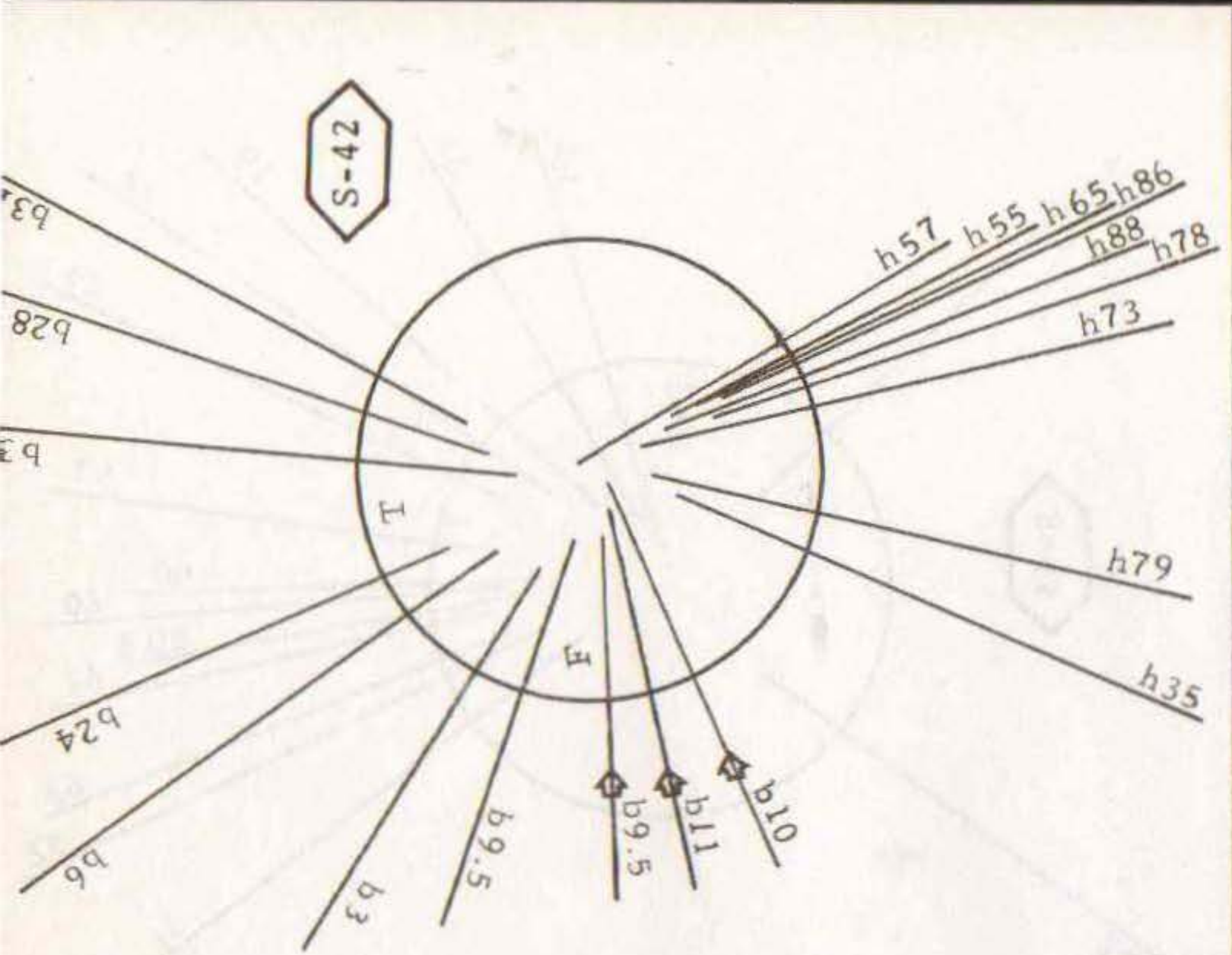
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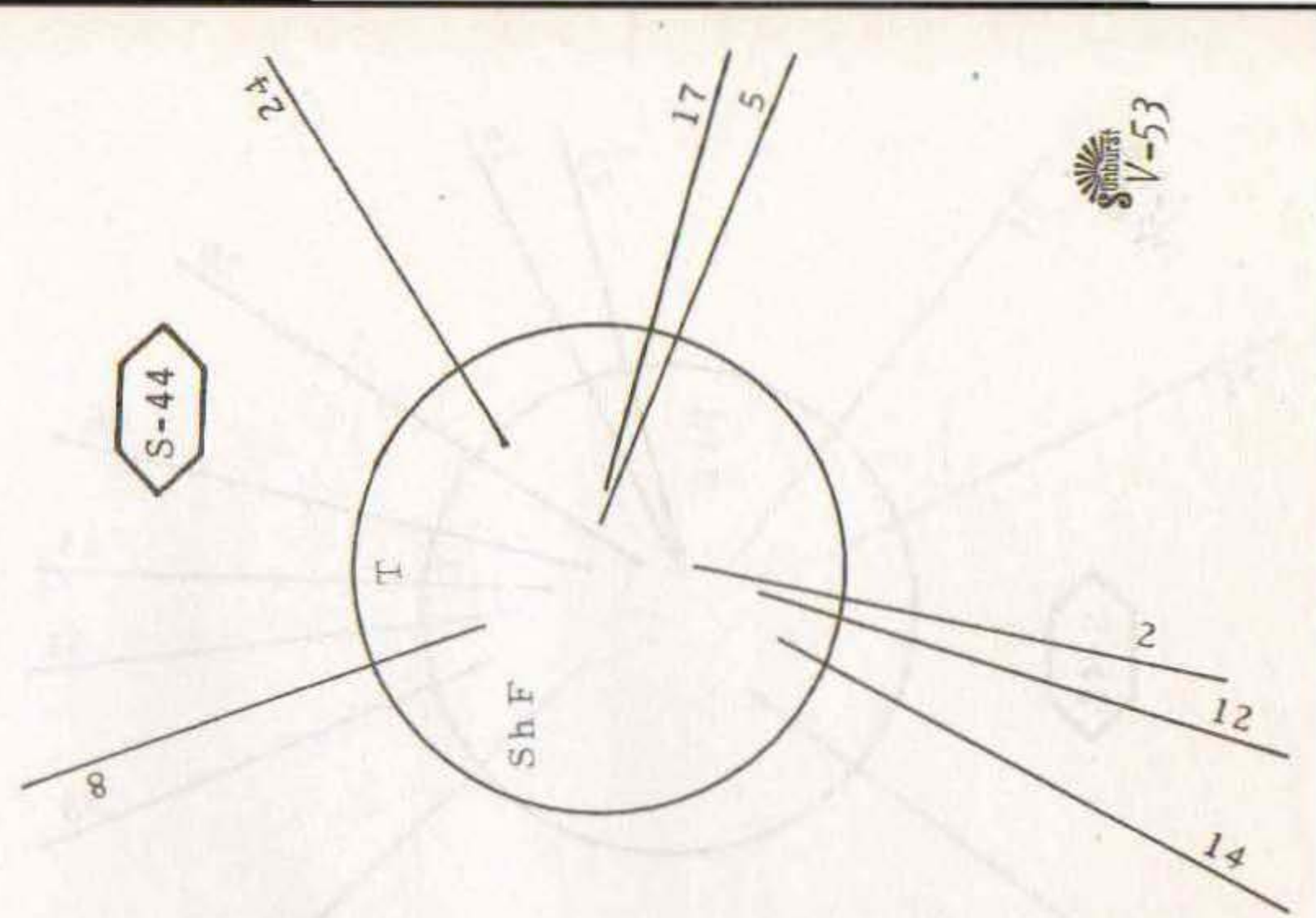
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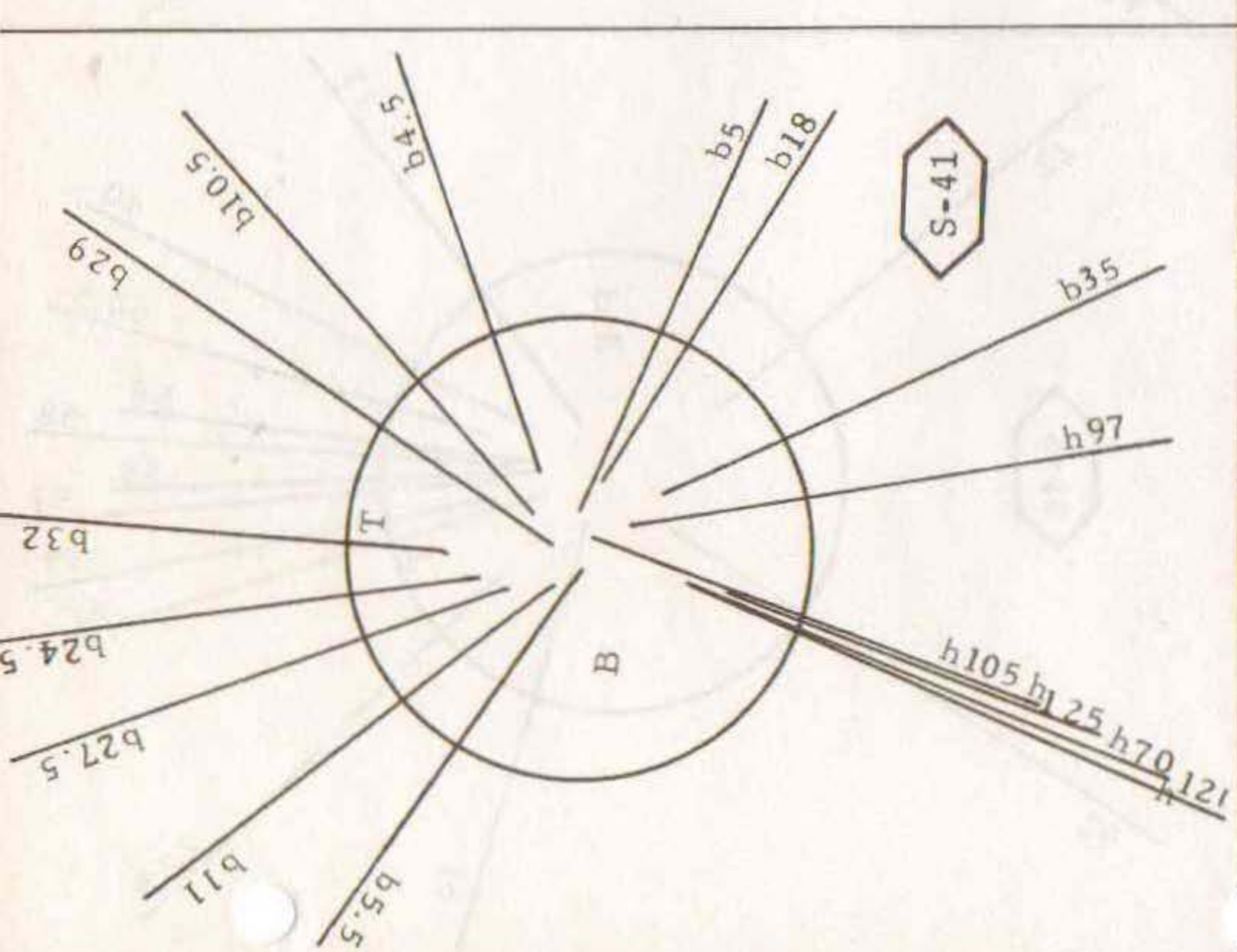
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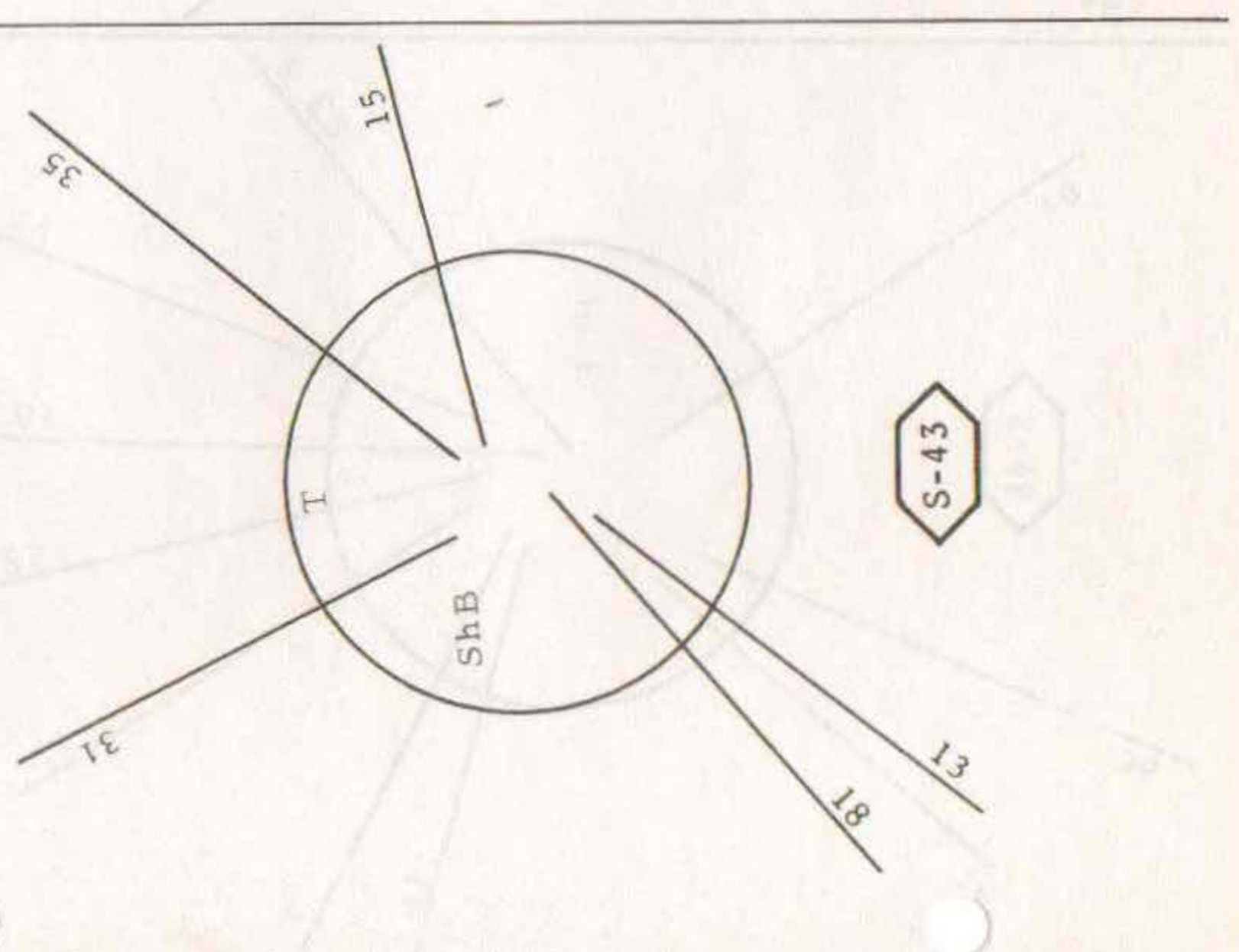
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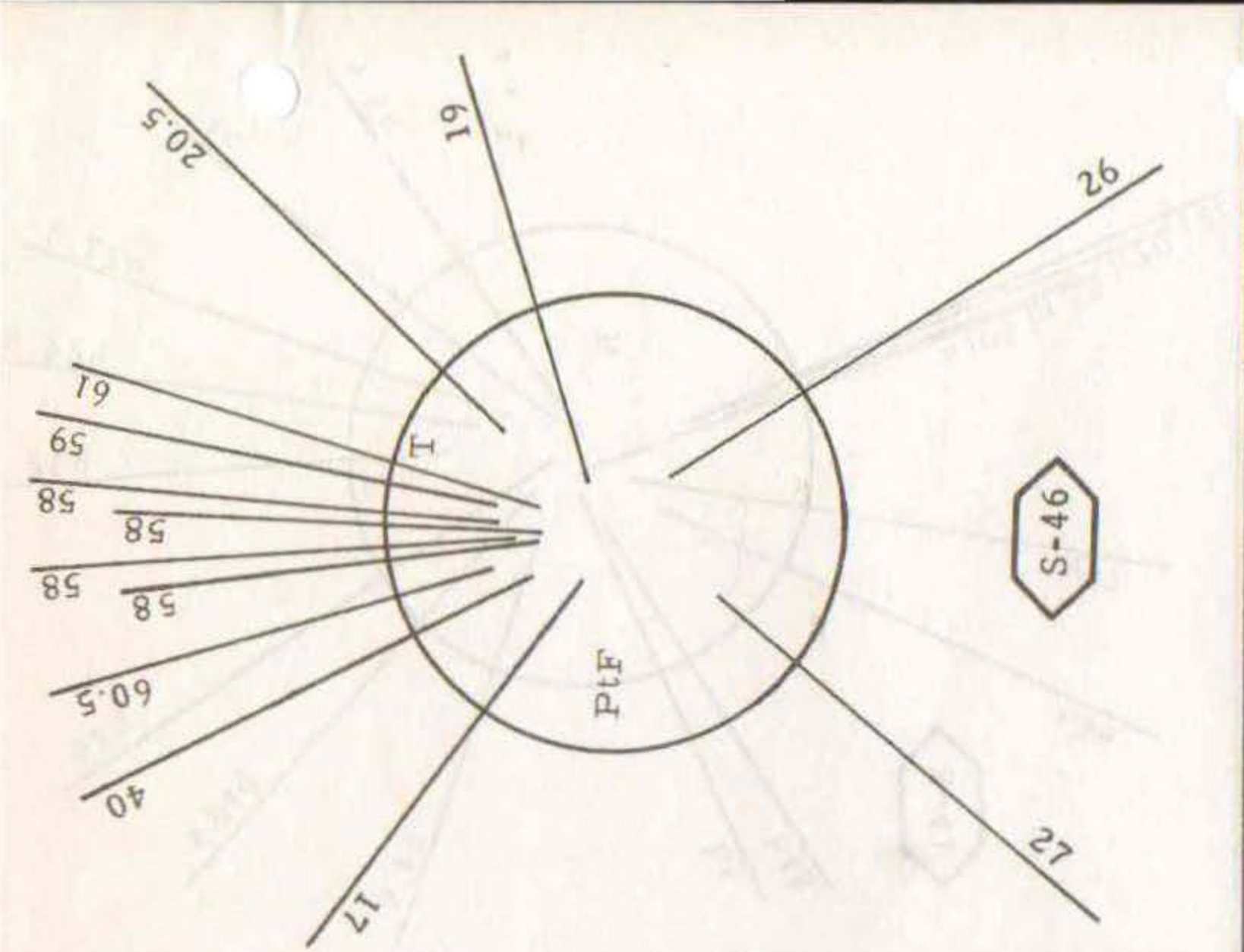
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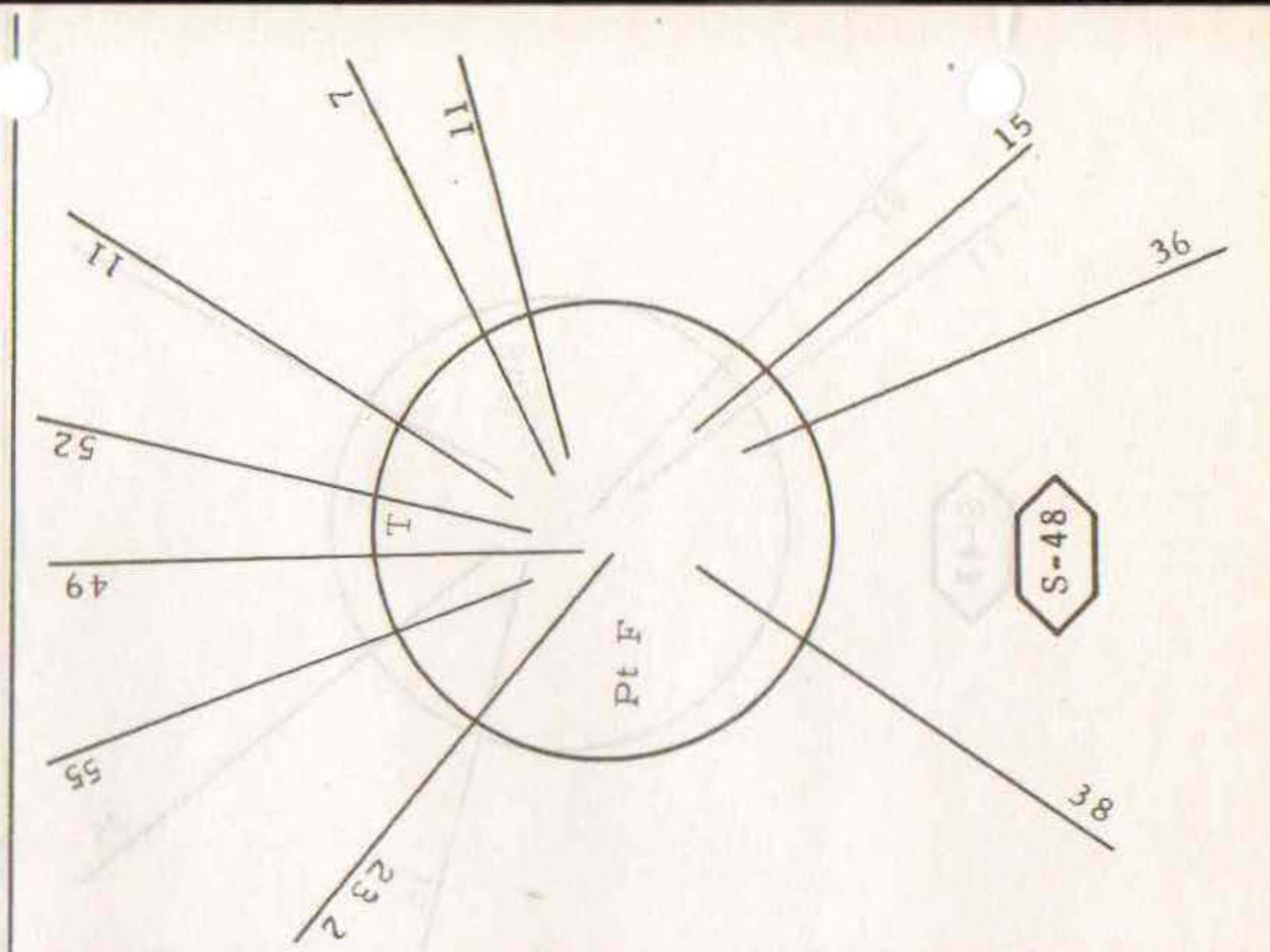
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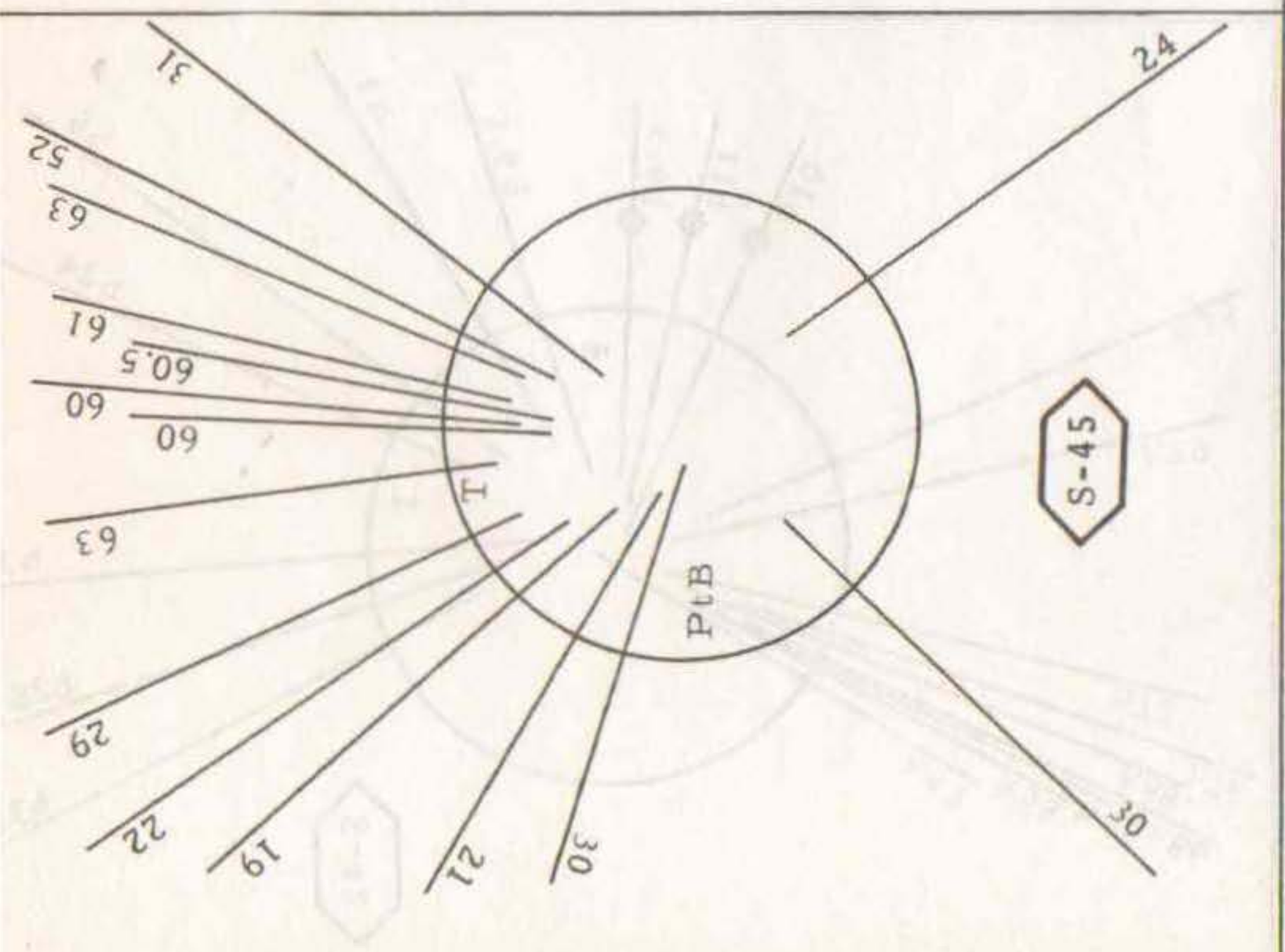
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S-45
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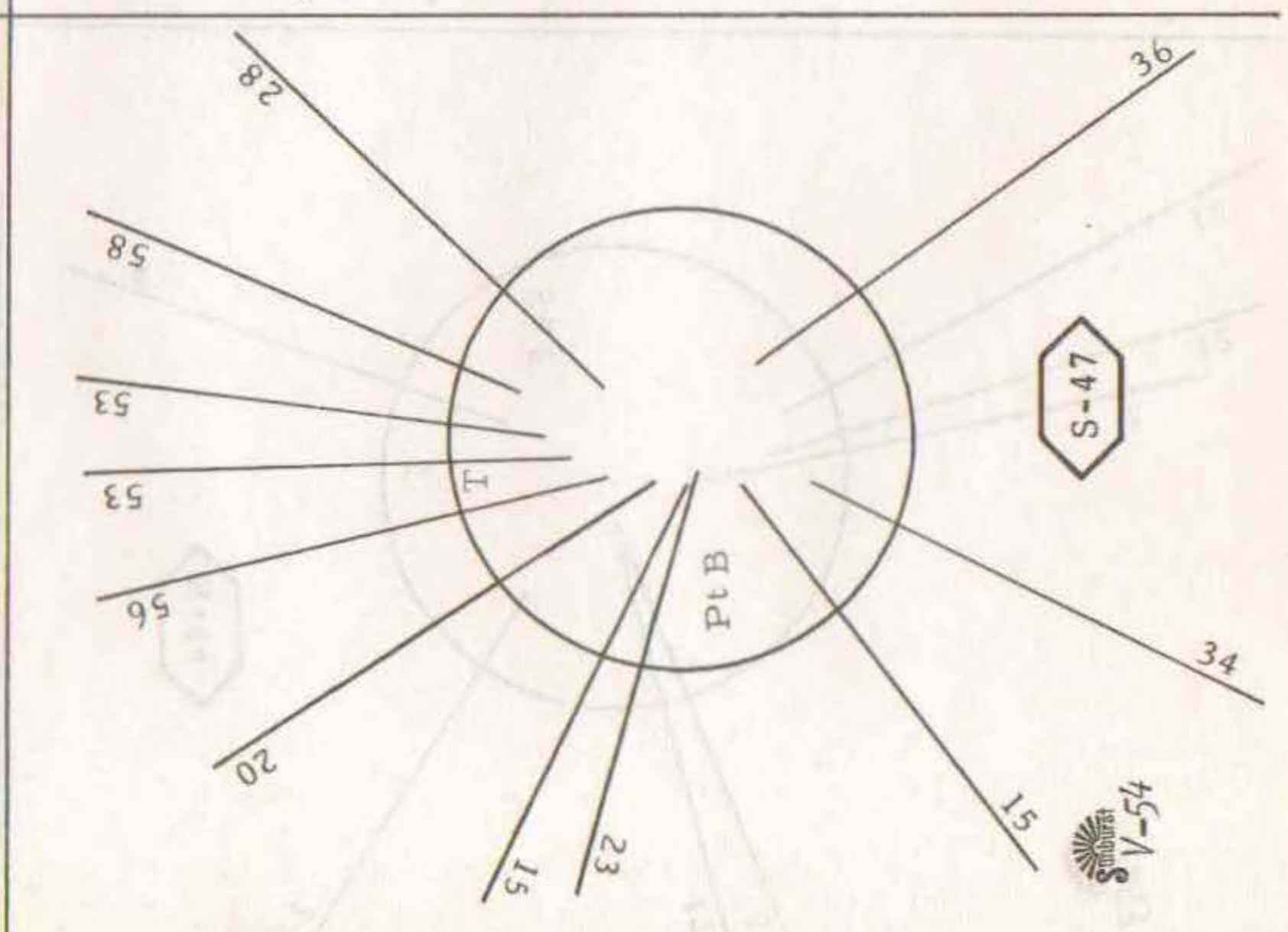
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56
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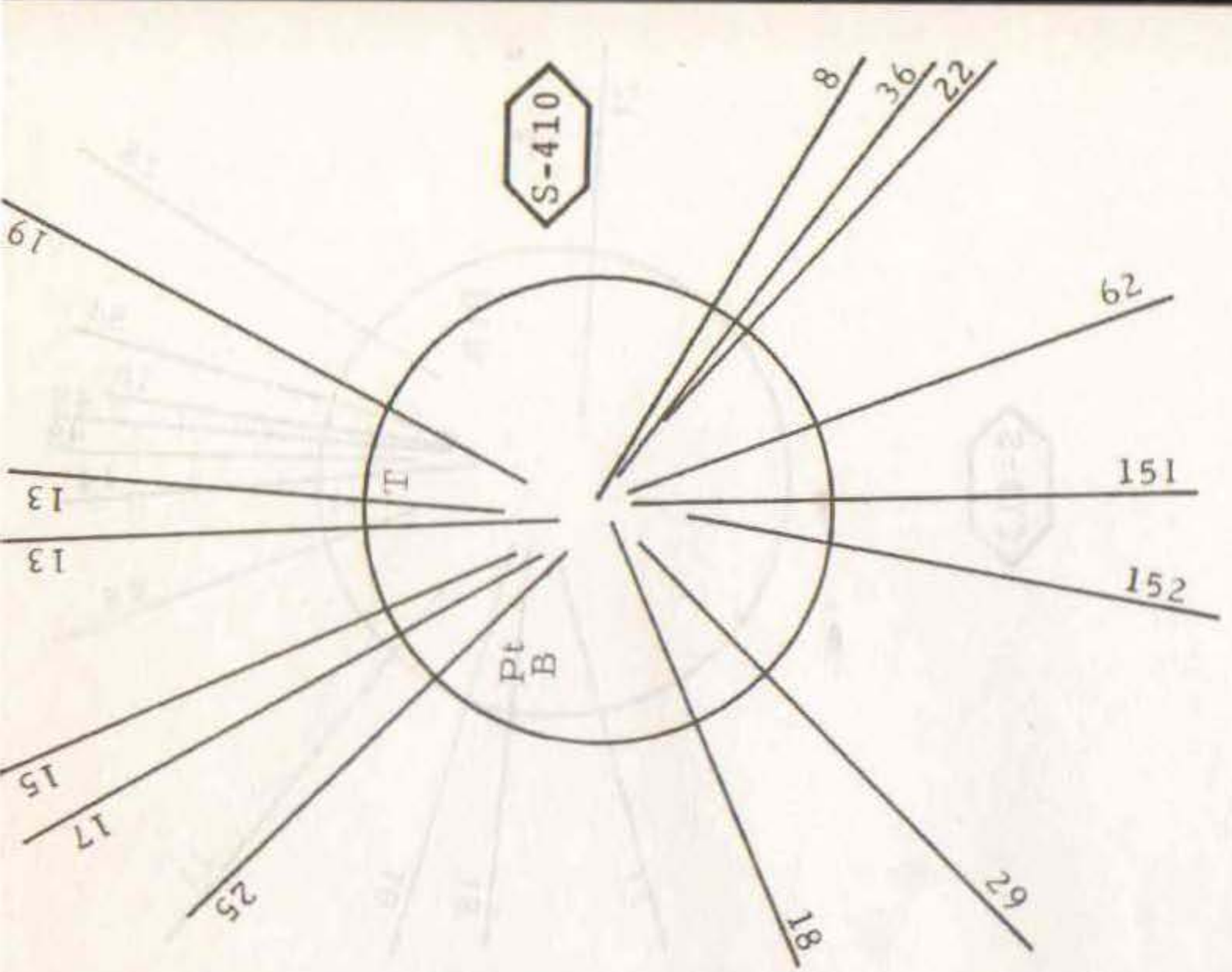
23
T
PtB
S-47
34
15
Simbora
V-54


S-410
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Pt
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152
18
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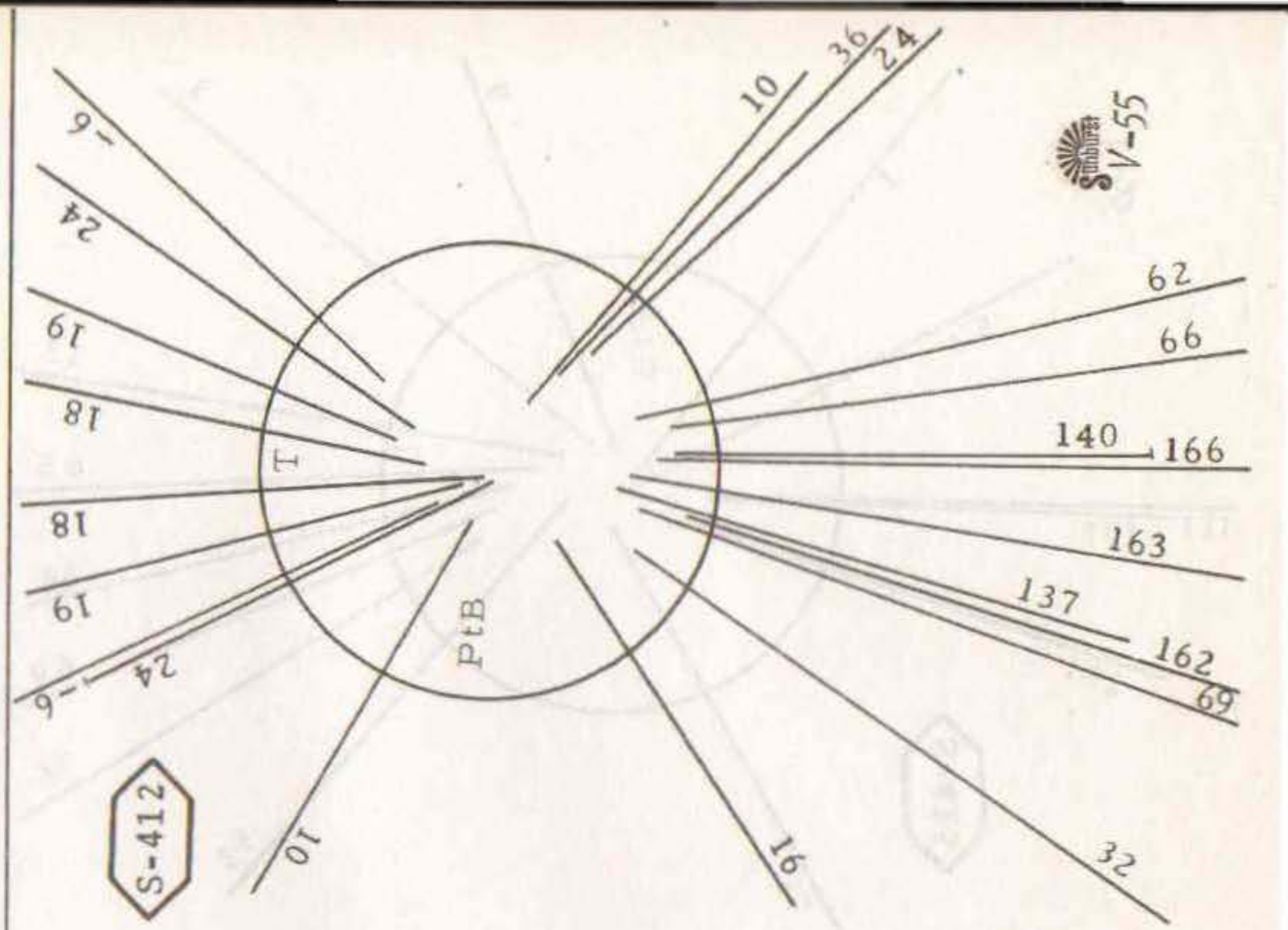
S-412
T
PtB
9
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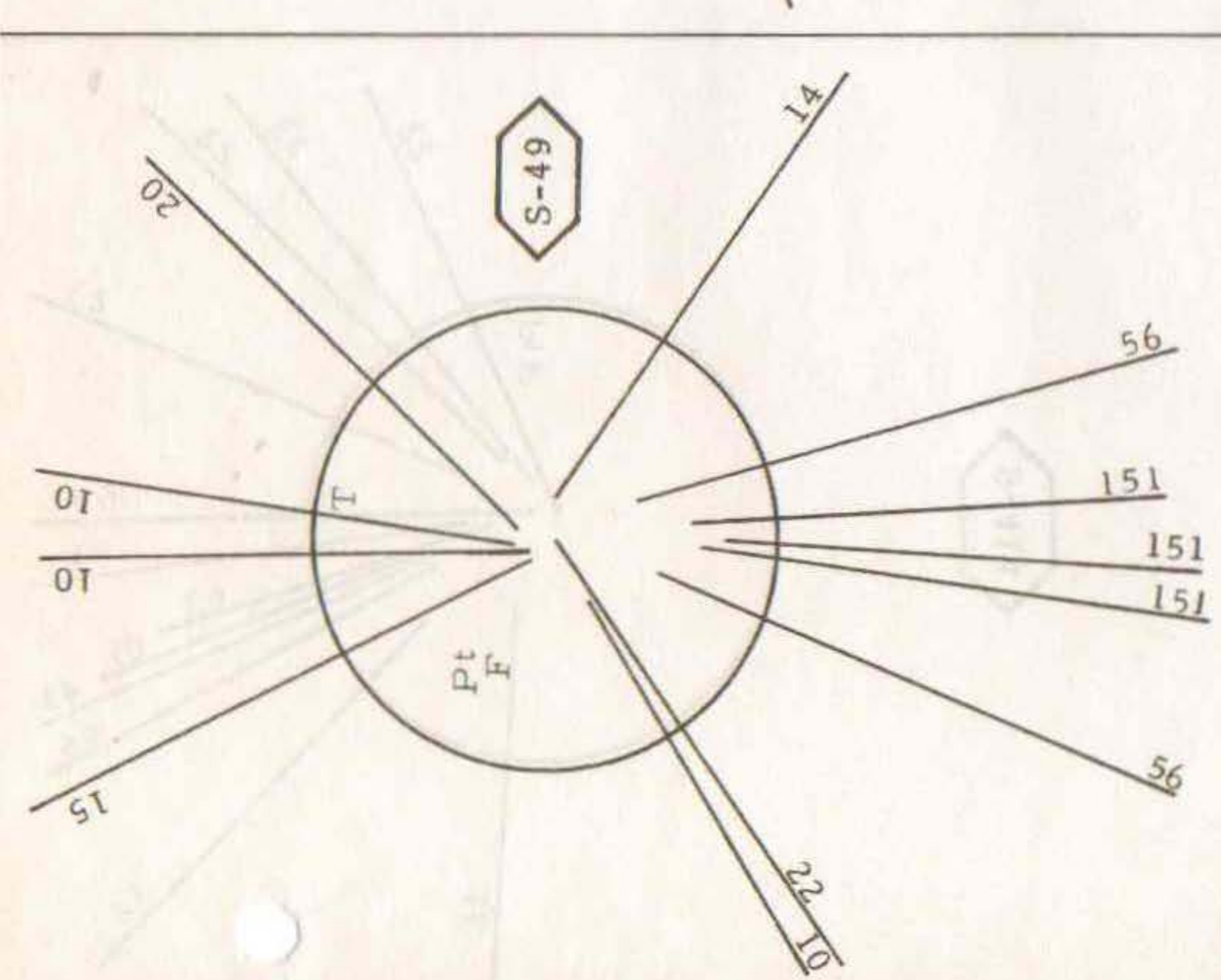
S-49
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Pt
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151
151
151
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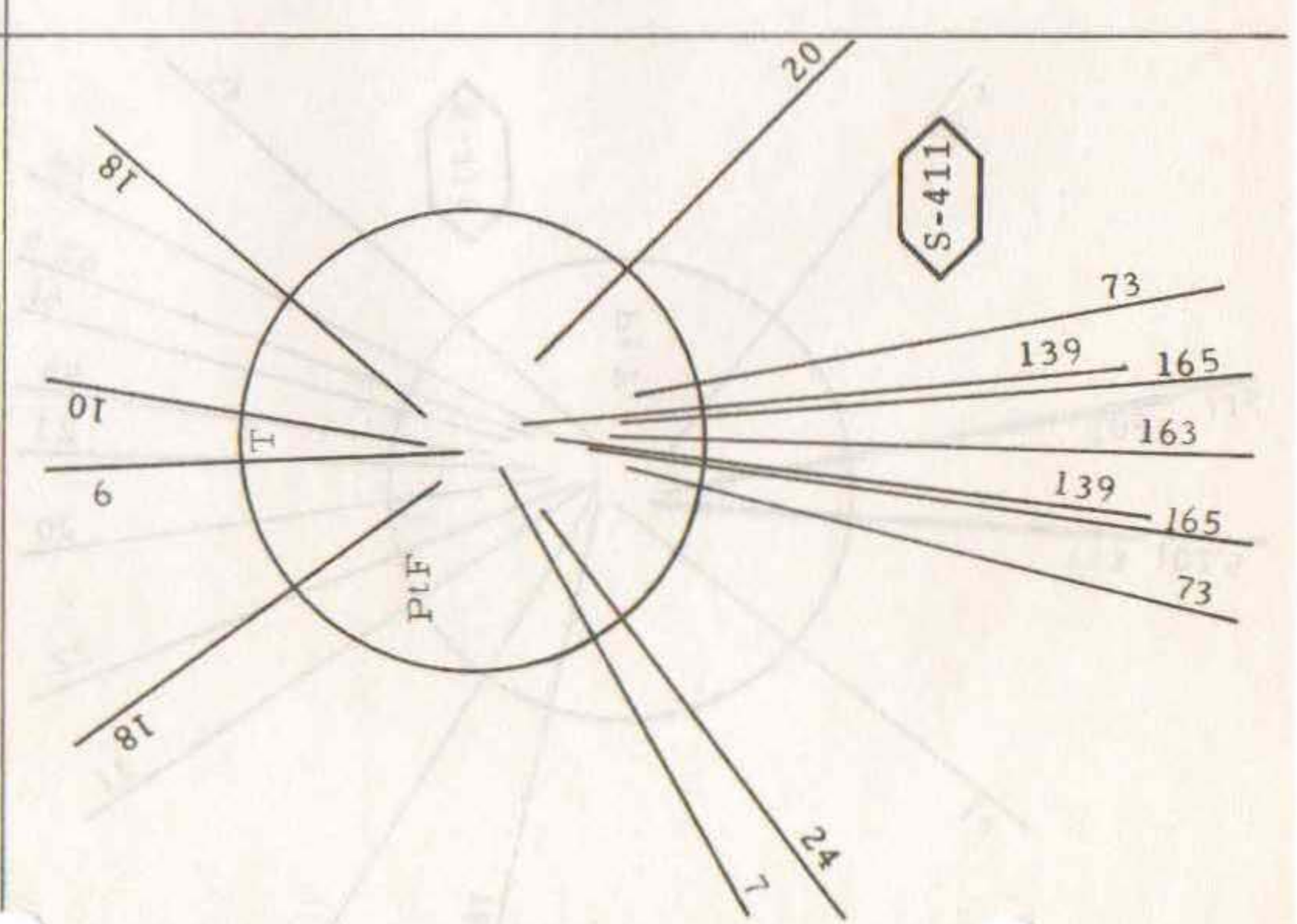
22
10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PtF
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139
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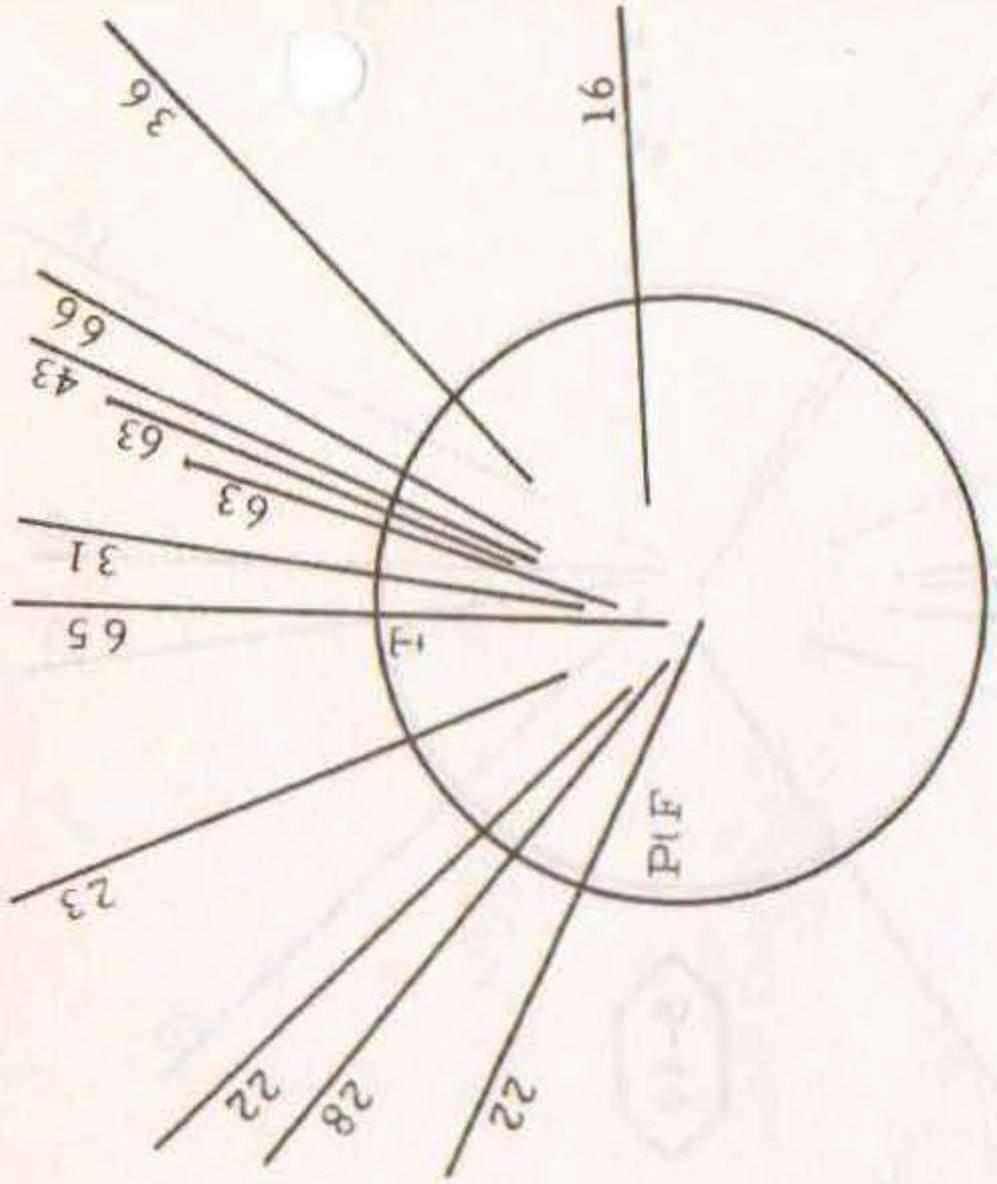
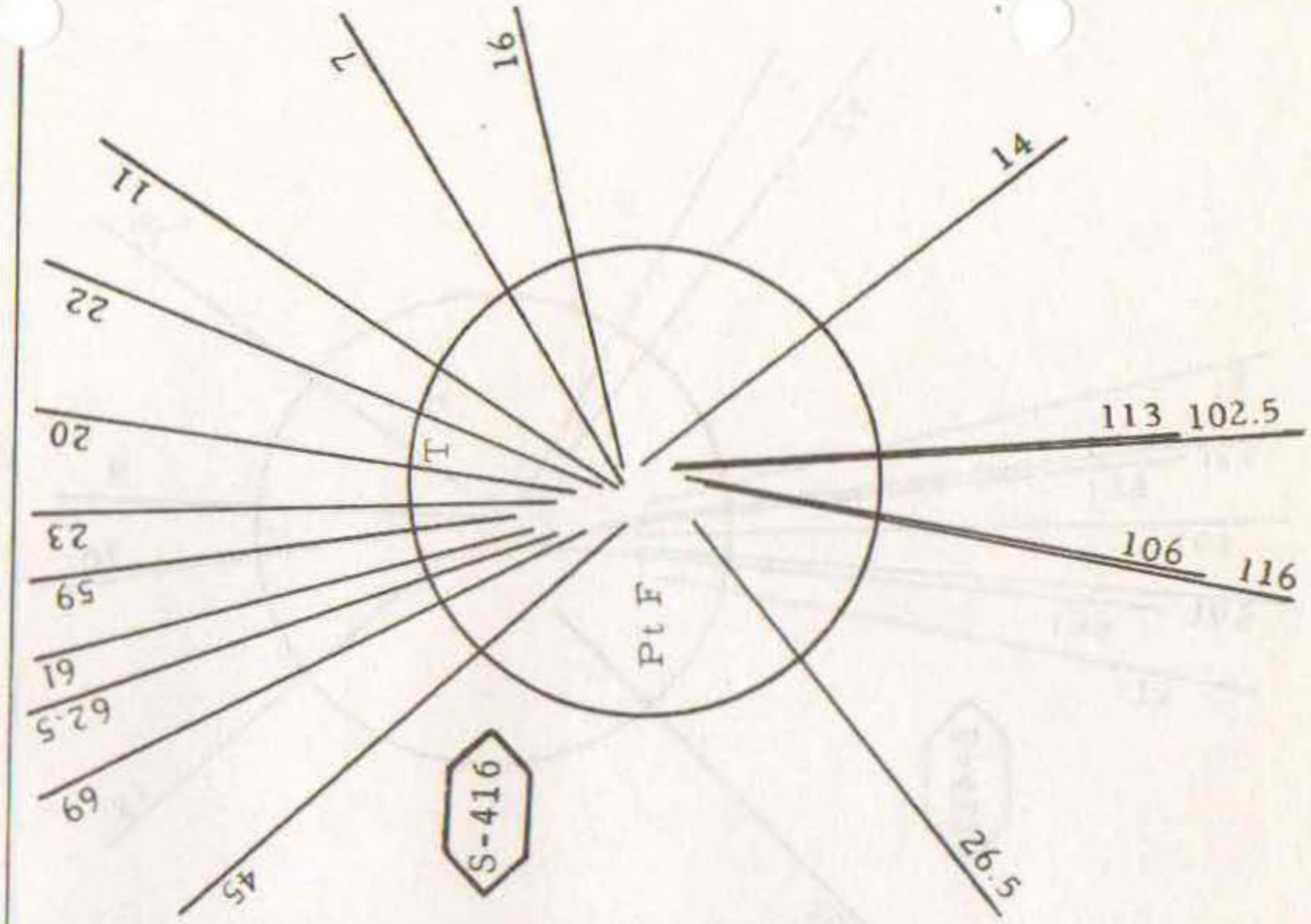
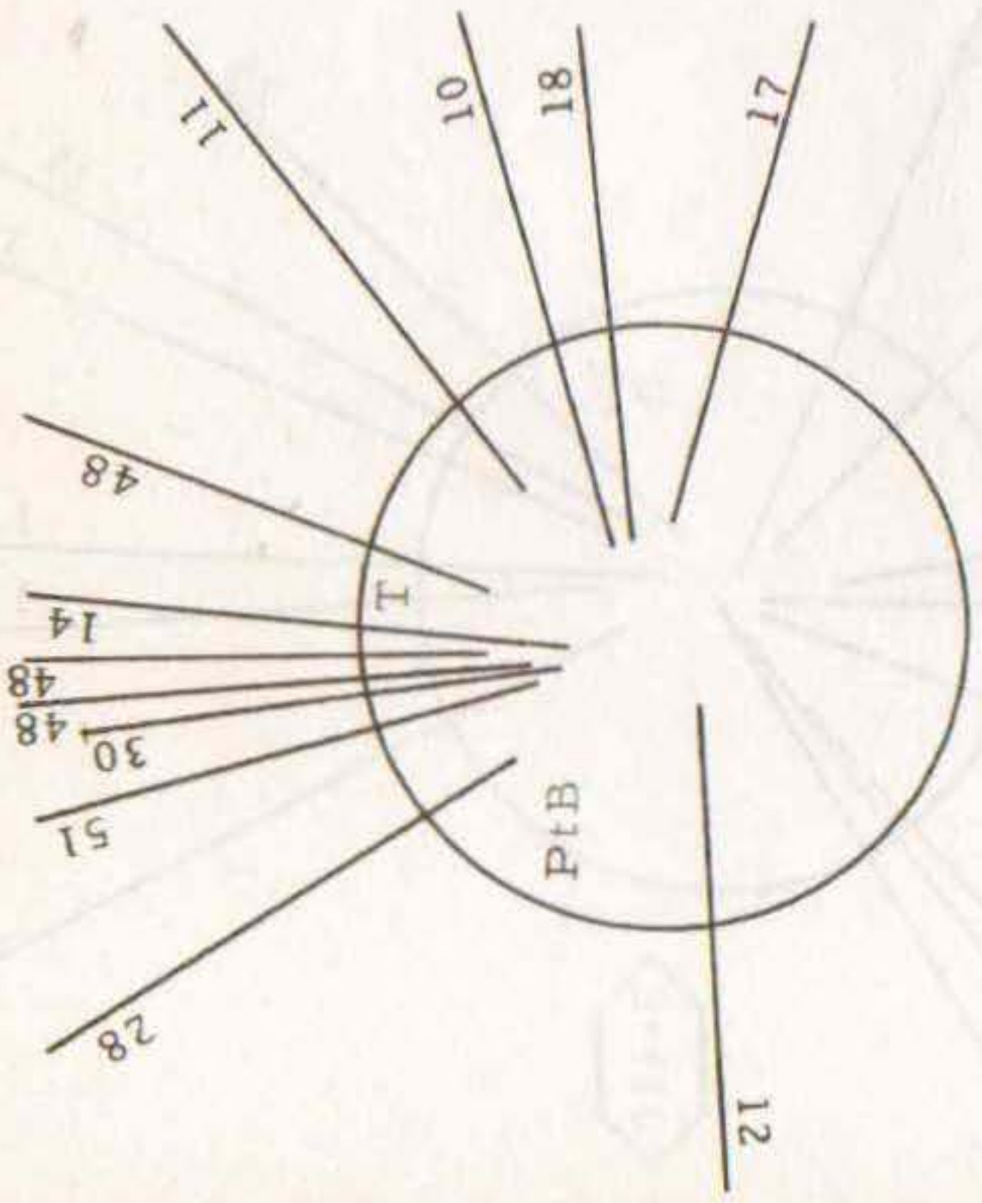
73
7
24



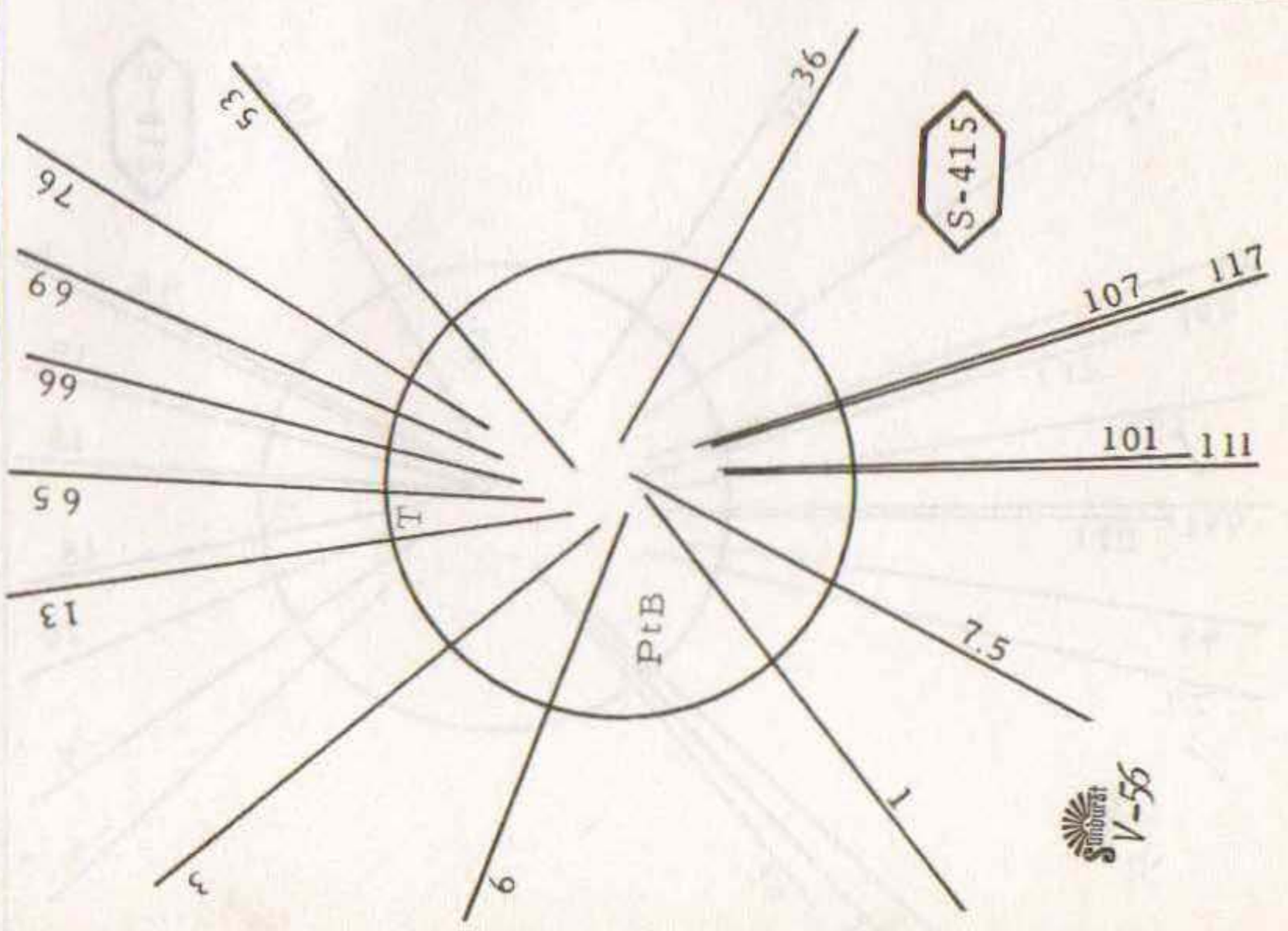

S-414




S-416

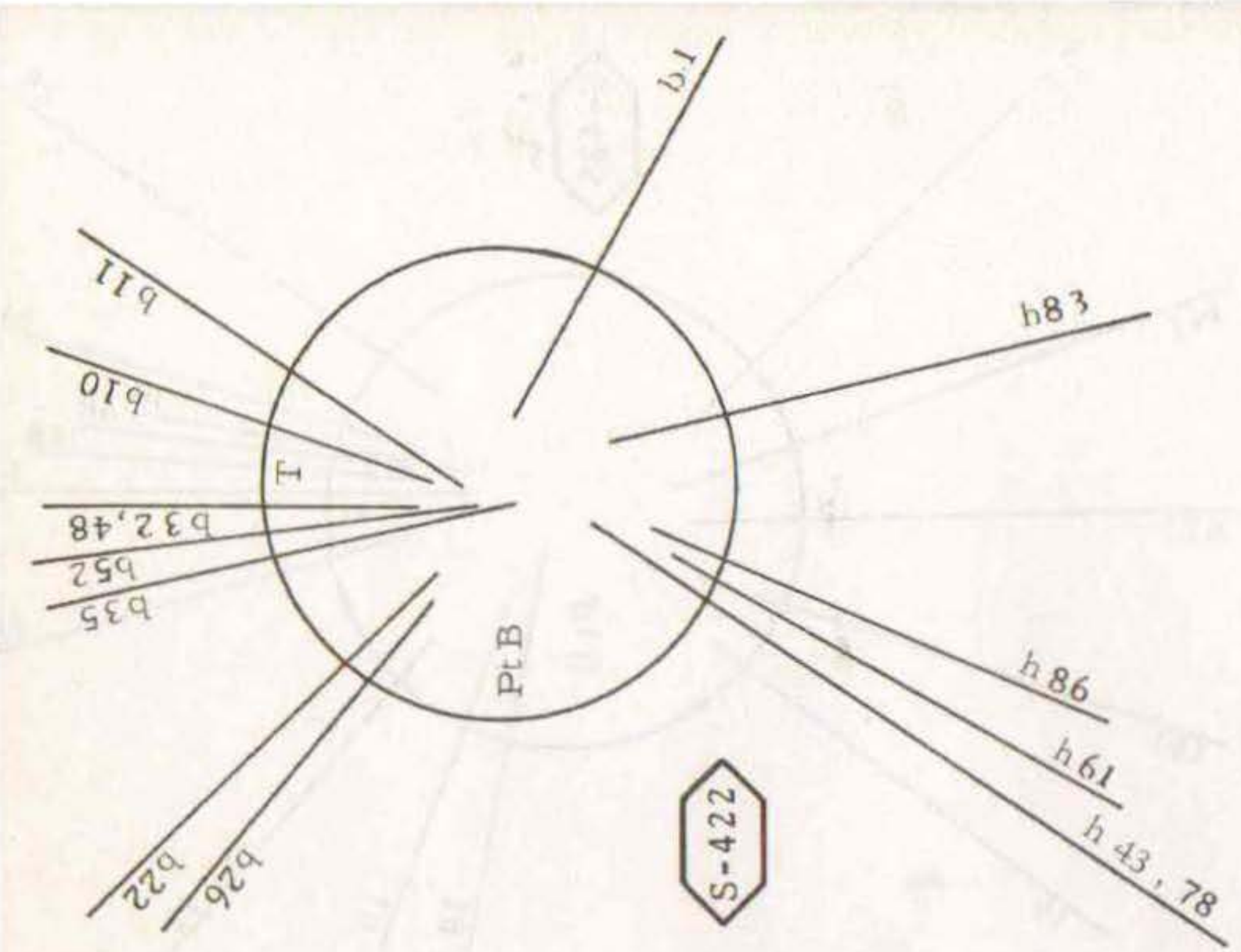



S-413




S-415

V-56


b1
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b10
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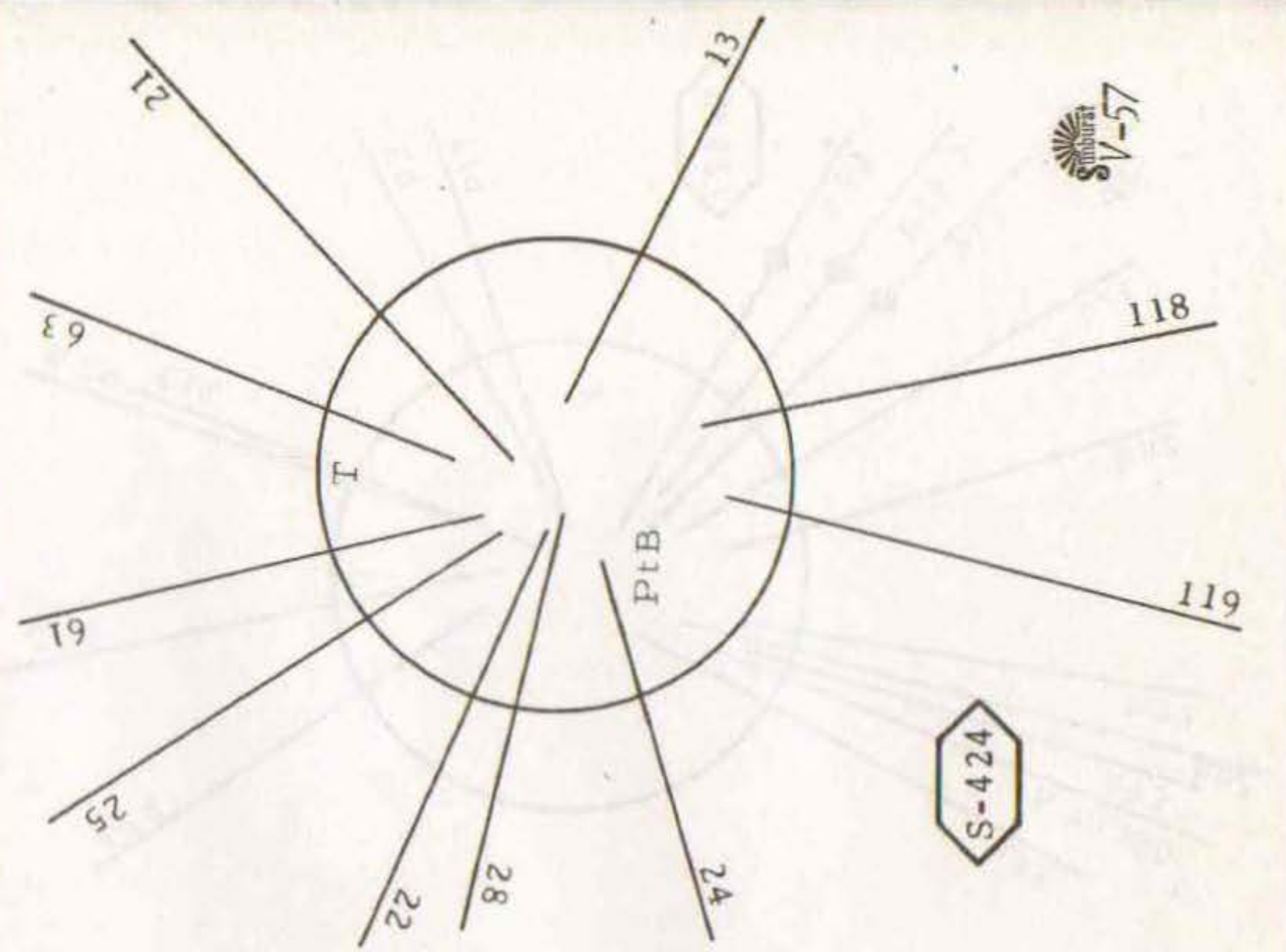
b52
b35
b26
b22
h83
h86
h61
h43, 78
PtB
T
S-422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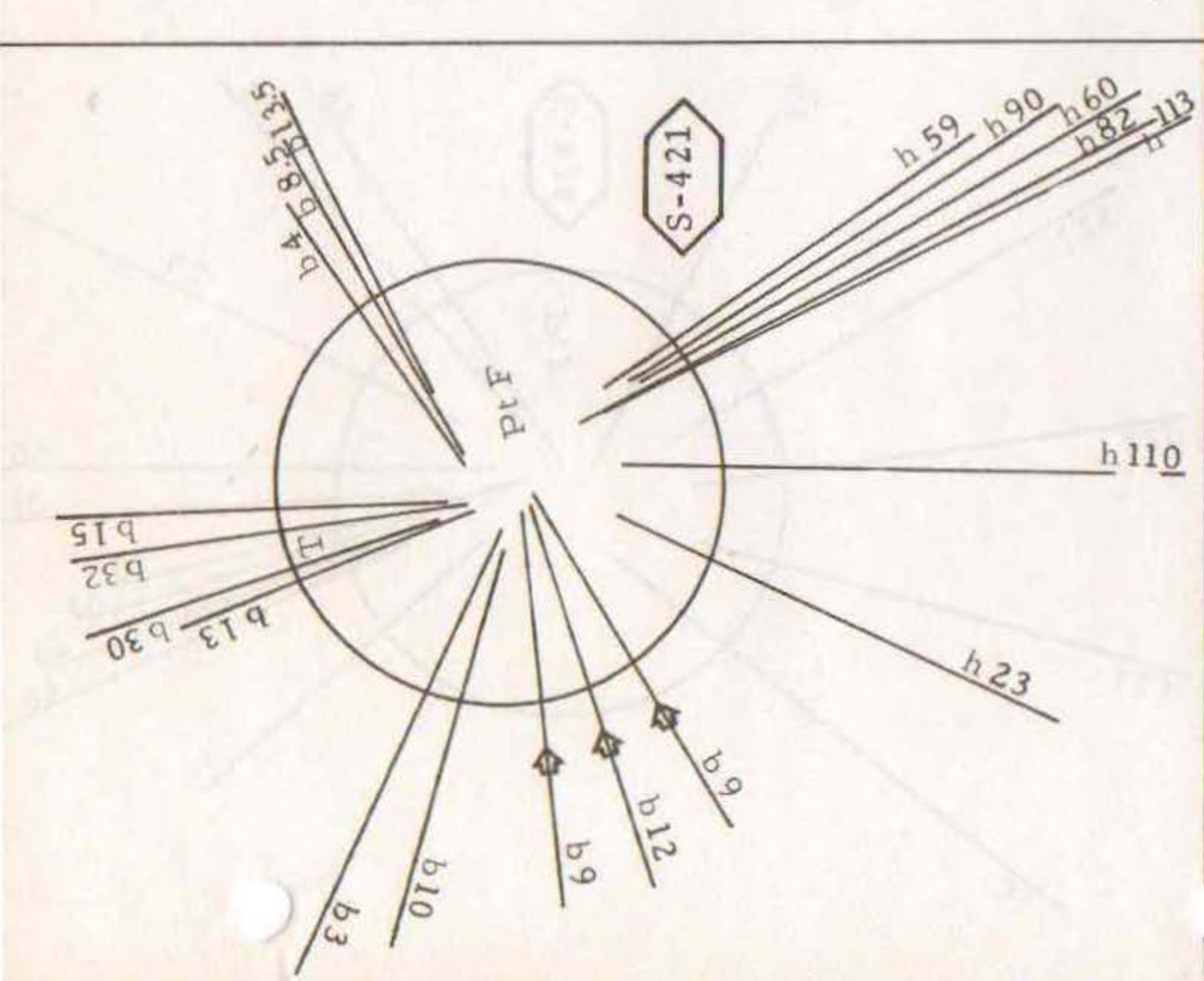
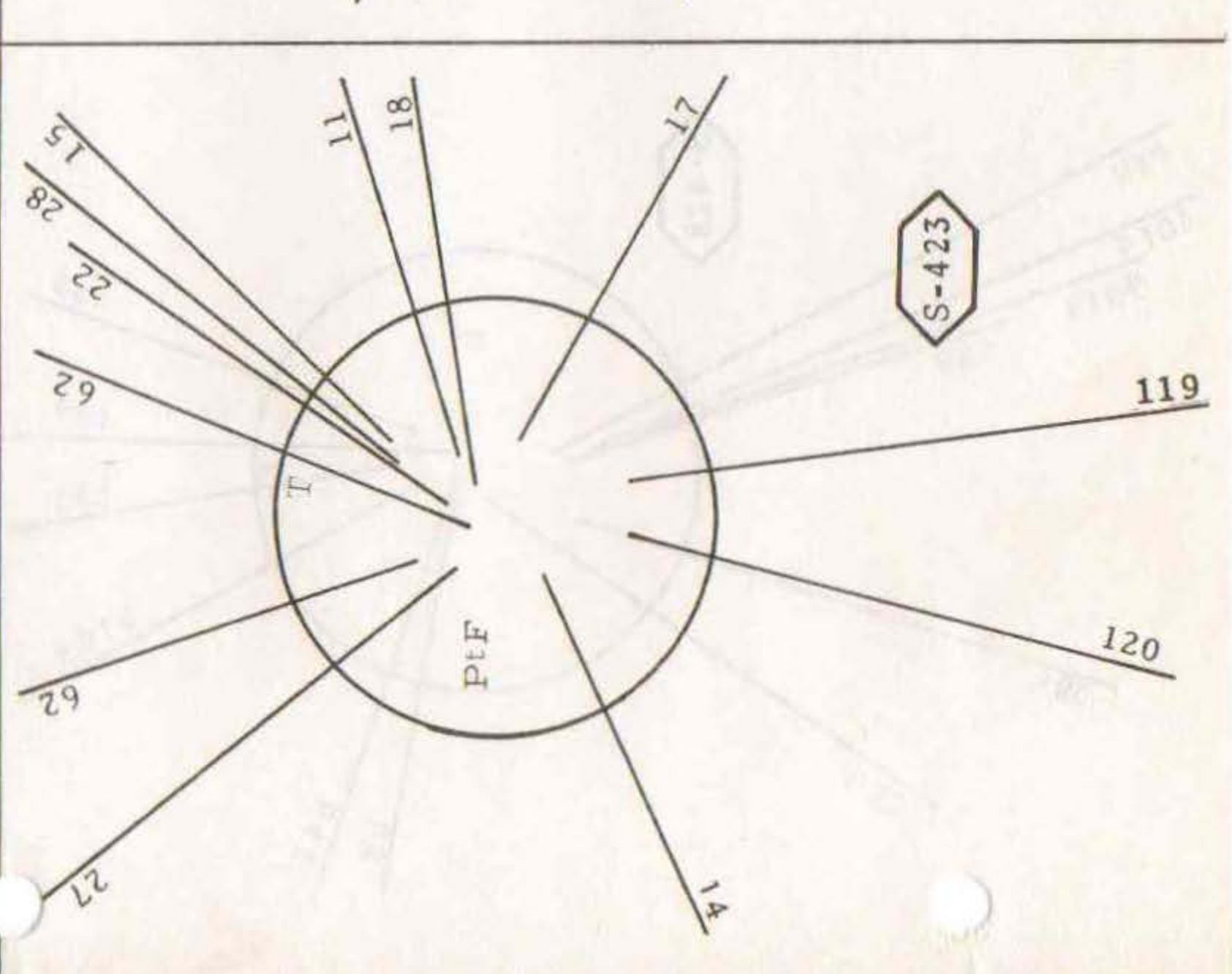
21
63
118
119
61
25
22
28
24
PtB
T
S-424


b4
b5
b8
b13
b5
h59
h90
h60
h82
h113
h110
h23
b15
b32
b30
b13
b3
b10
b9
b12
b9
PtF
T
S-421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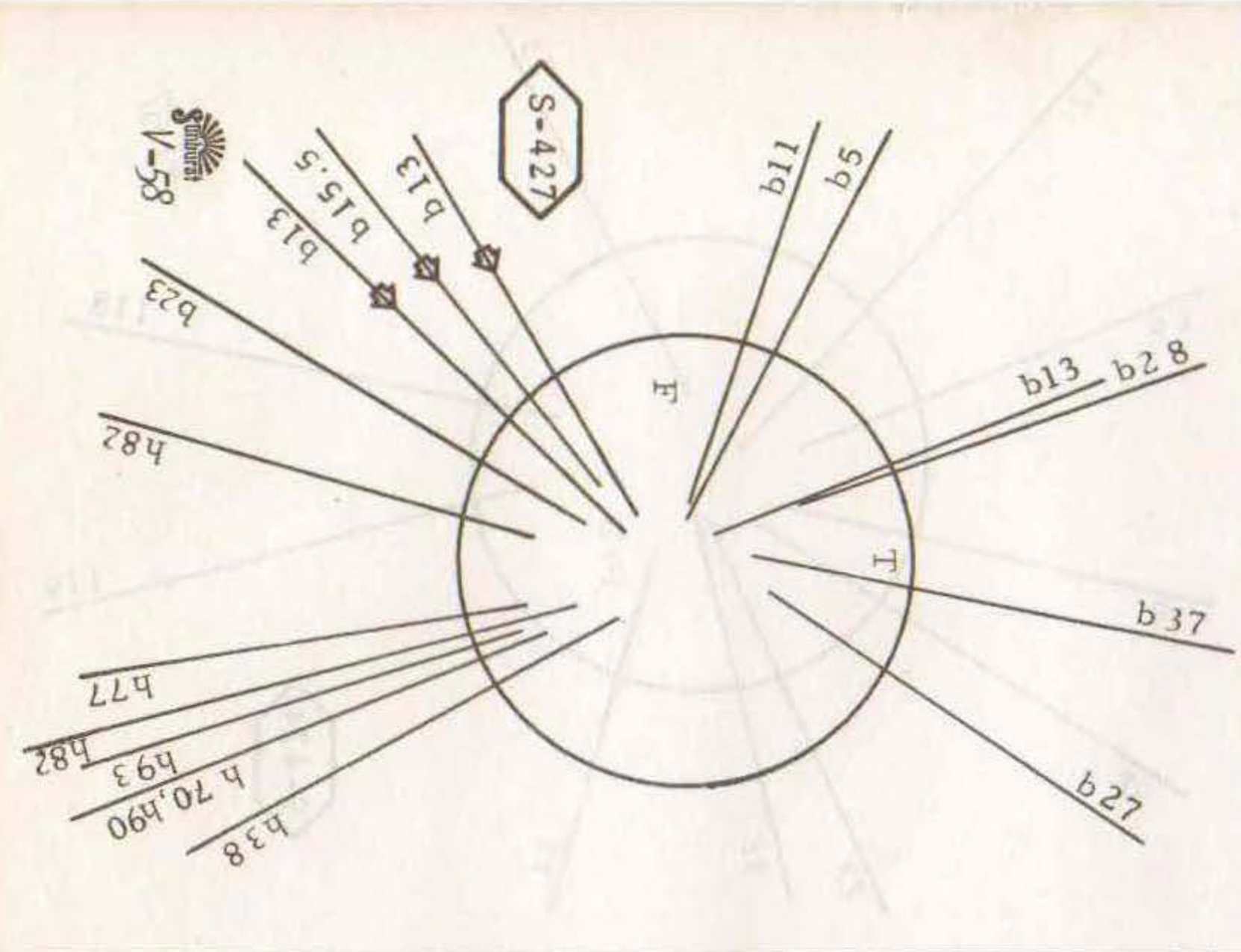
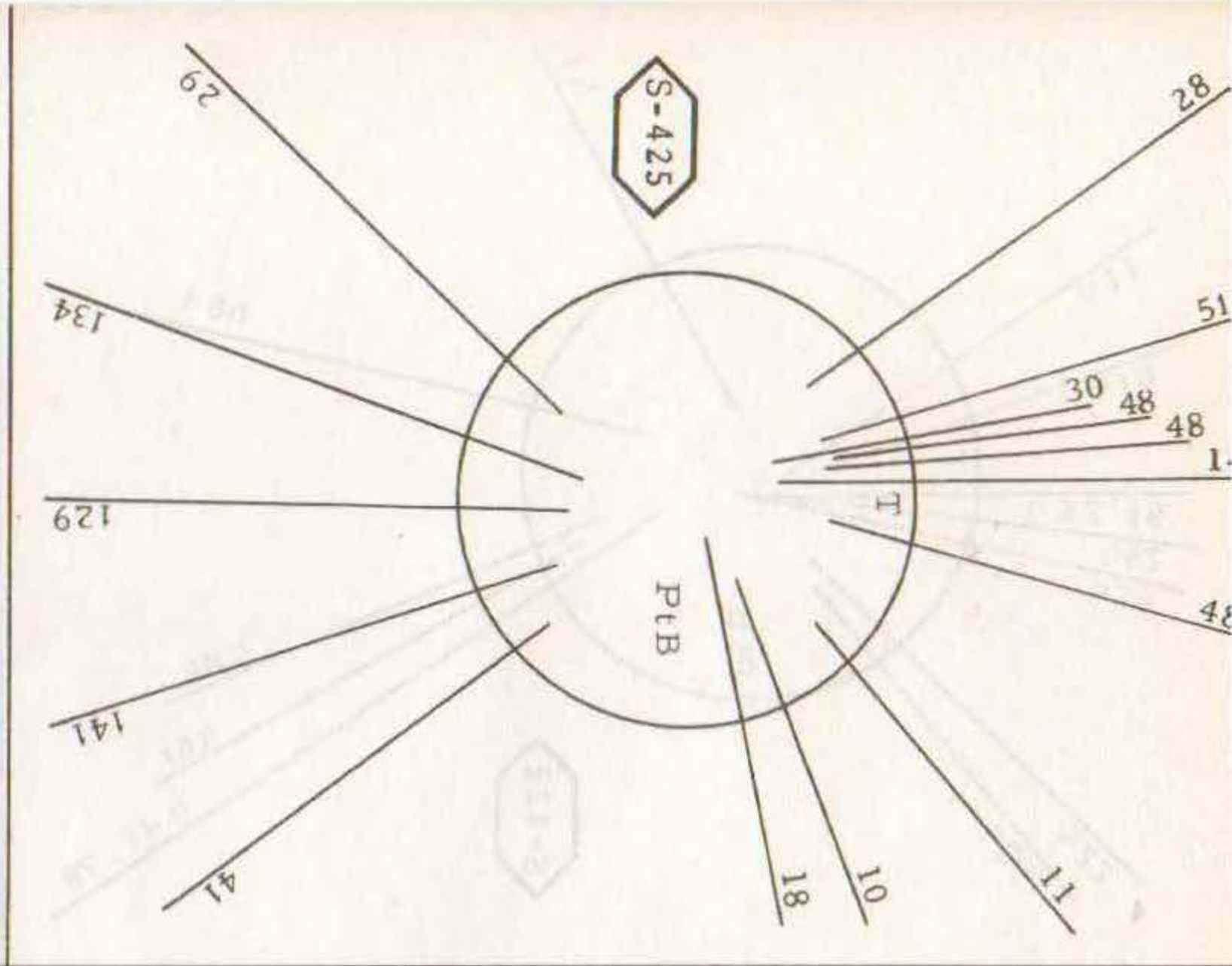
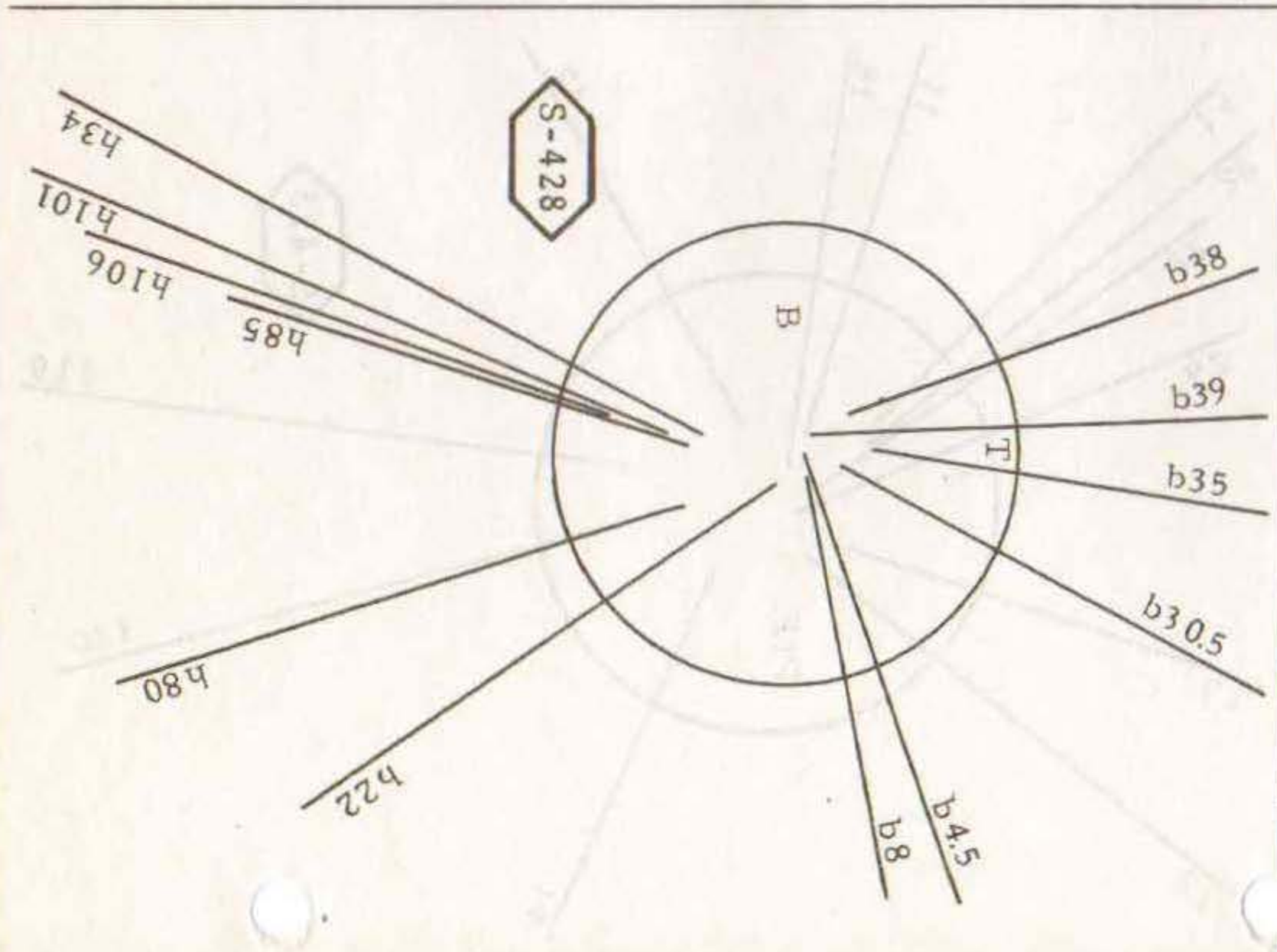
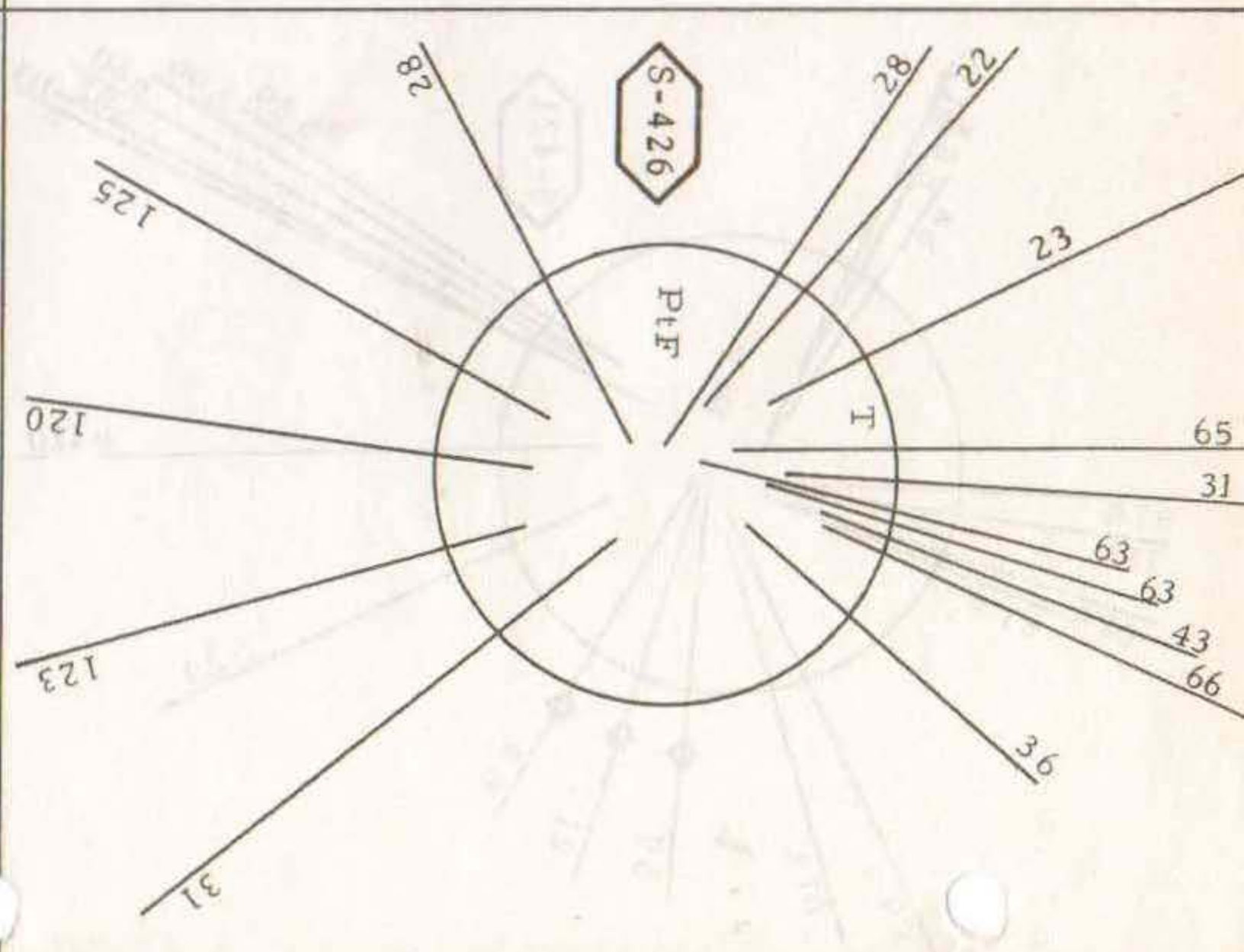
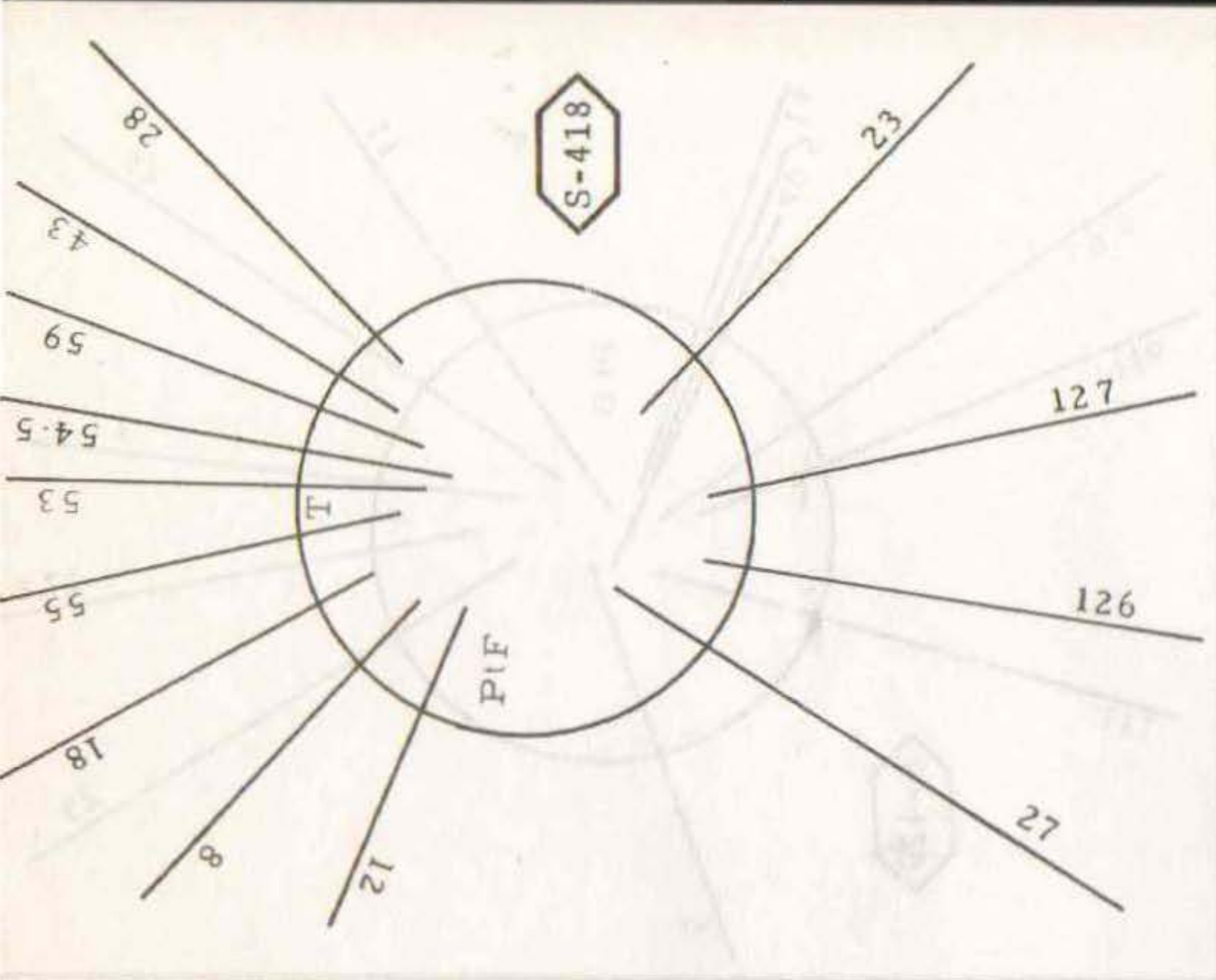
11
18
17
28
22
62
119
120
62
27
14
PtF
T
S-423


S-427
F
T
b11
b5
b13
b15.5
b13
b23
h82
b37
b27
h38
h70,h90
h93
h82
h77


S-425
PtB
T
29
28
134
129
141
41
18
10
11


S-428
B
T
h34
h101
h106
h85
b38
b39
b35
b30.5
h80
h22
b8
b4.5


S-426
PtF
T
28
28
22
125
120
123
31
36
65
63
63
43
66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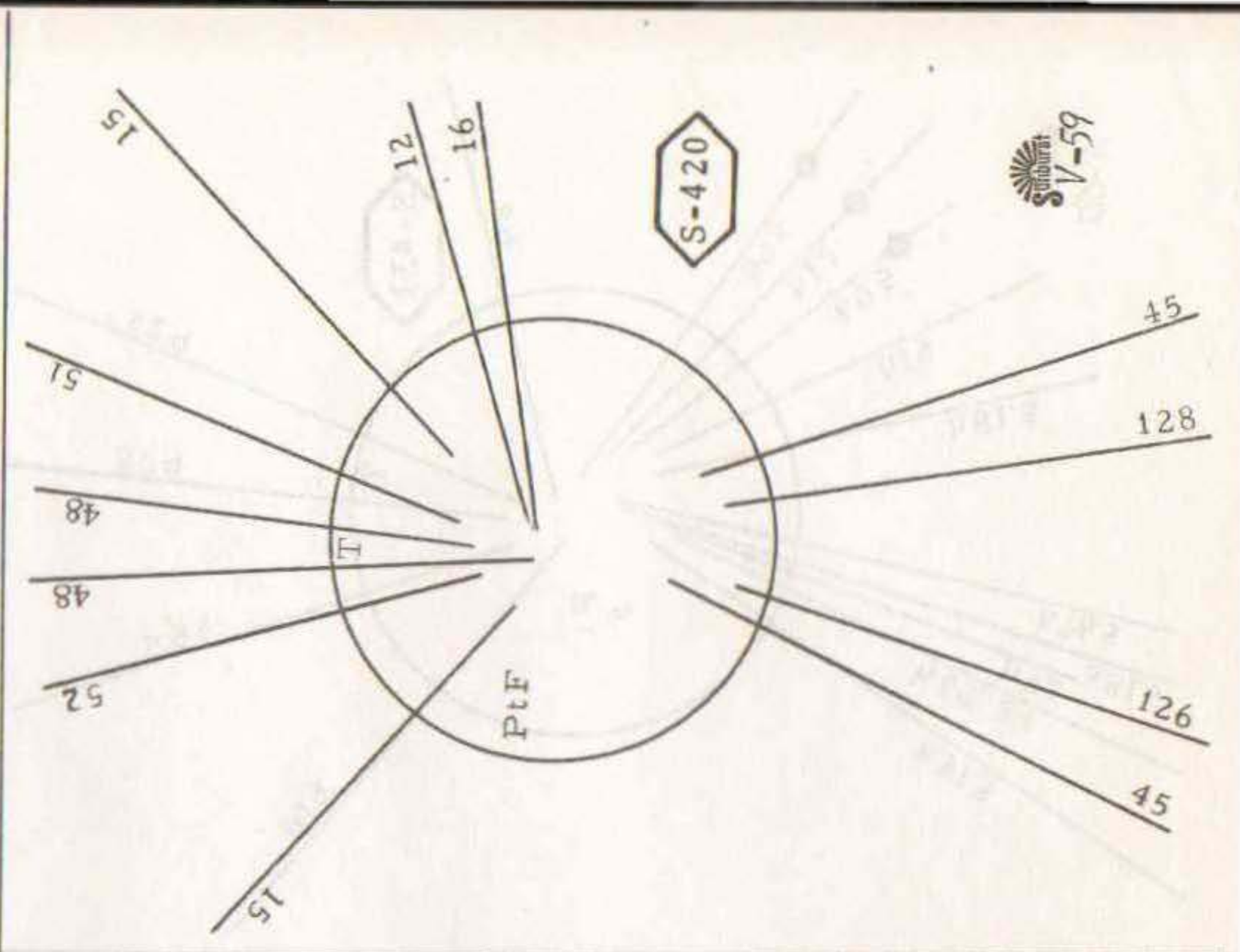
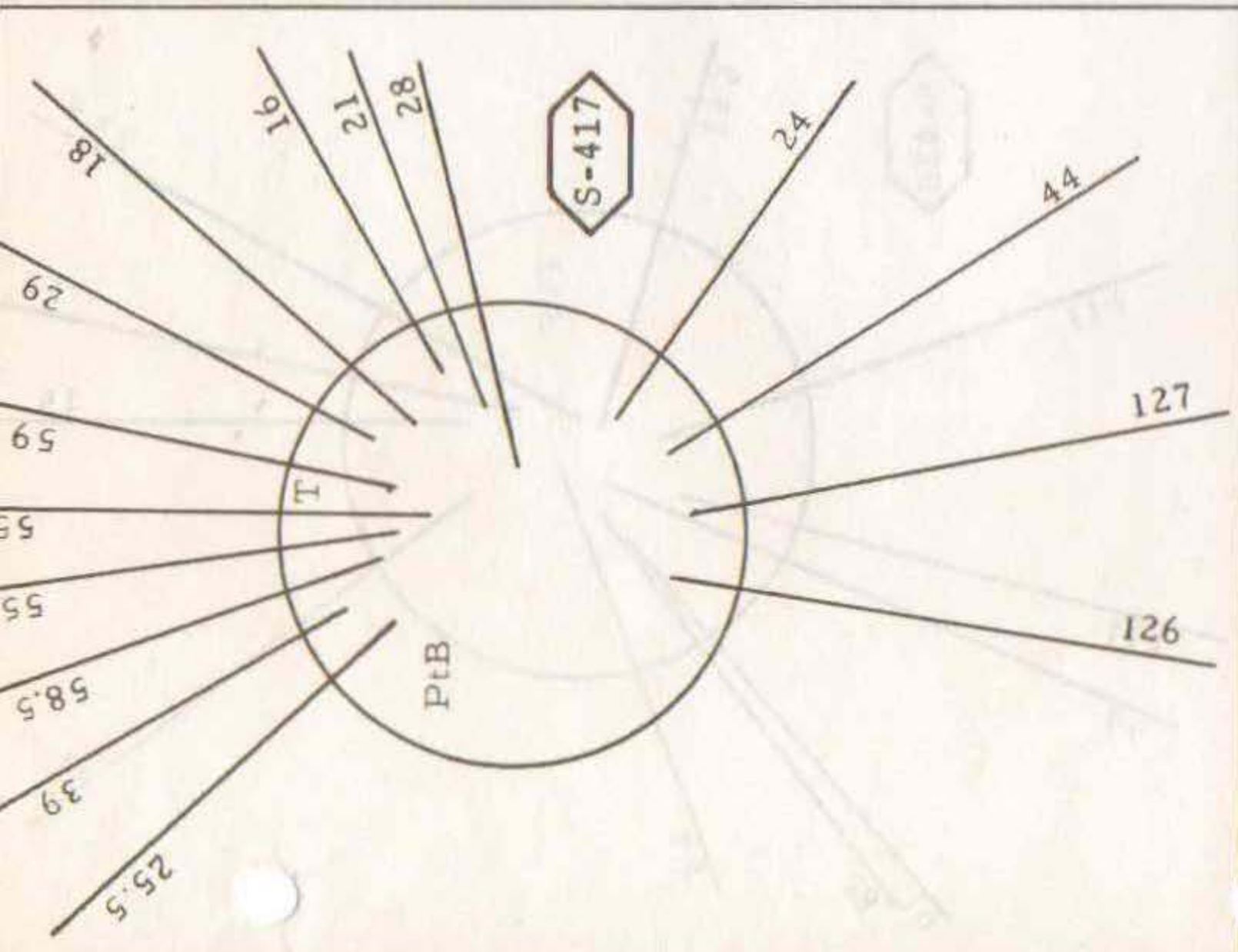
43
59
54.5
53
55
18
8
12
PtF
T
23
127
126
27


S-420
15
12
16
51
48
48
52
15
PtF
T
45
128
126
45


S-417
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29
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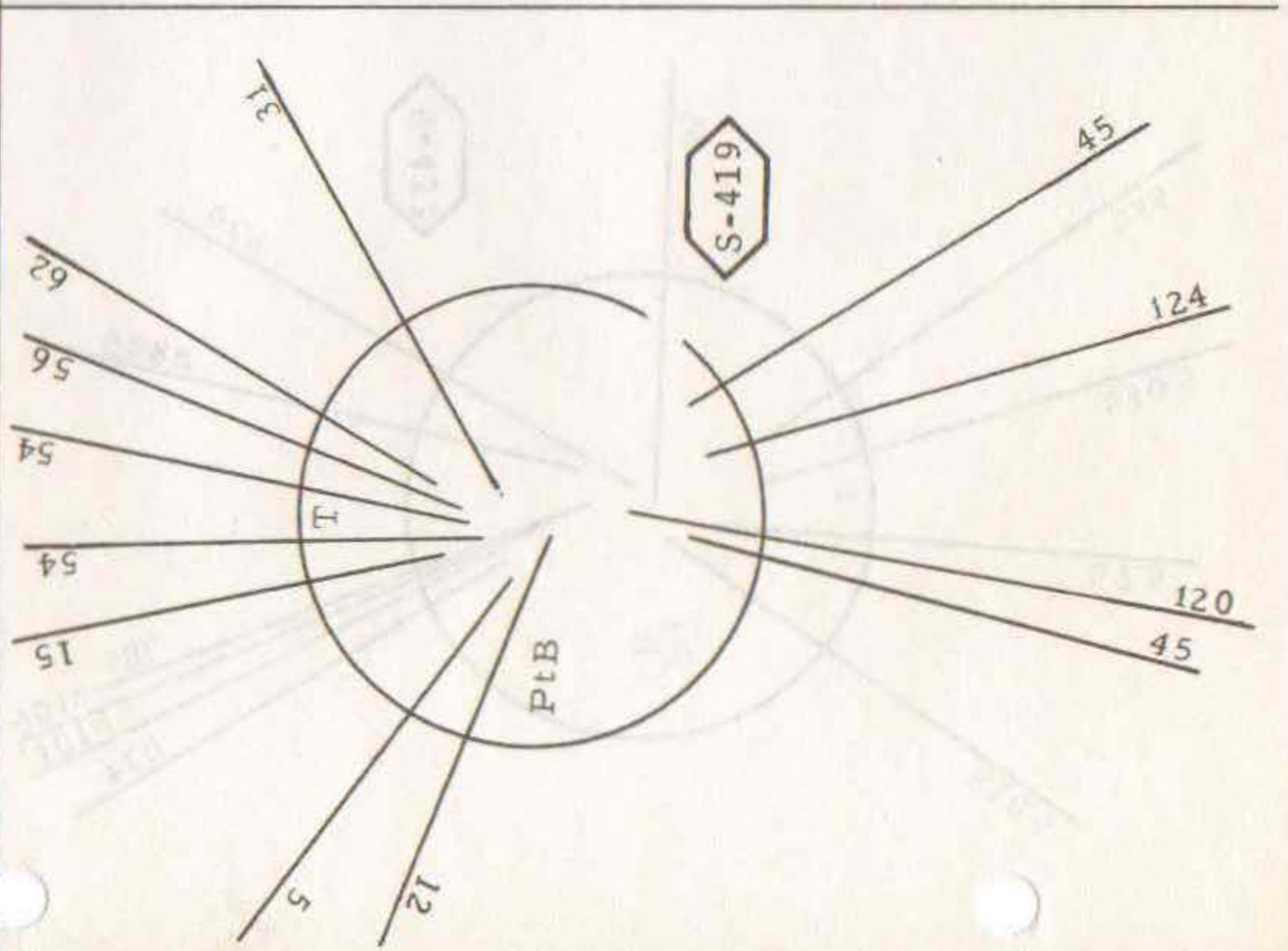
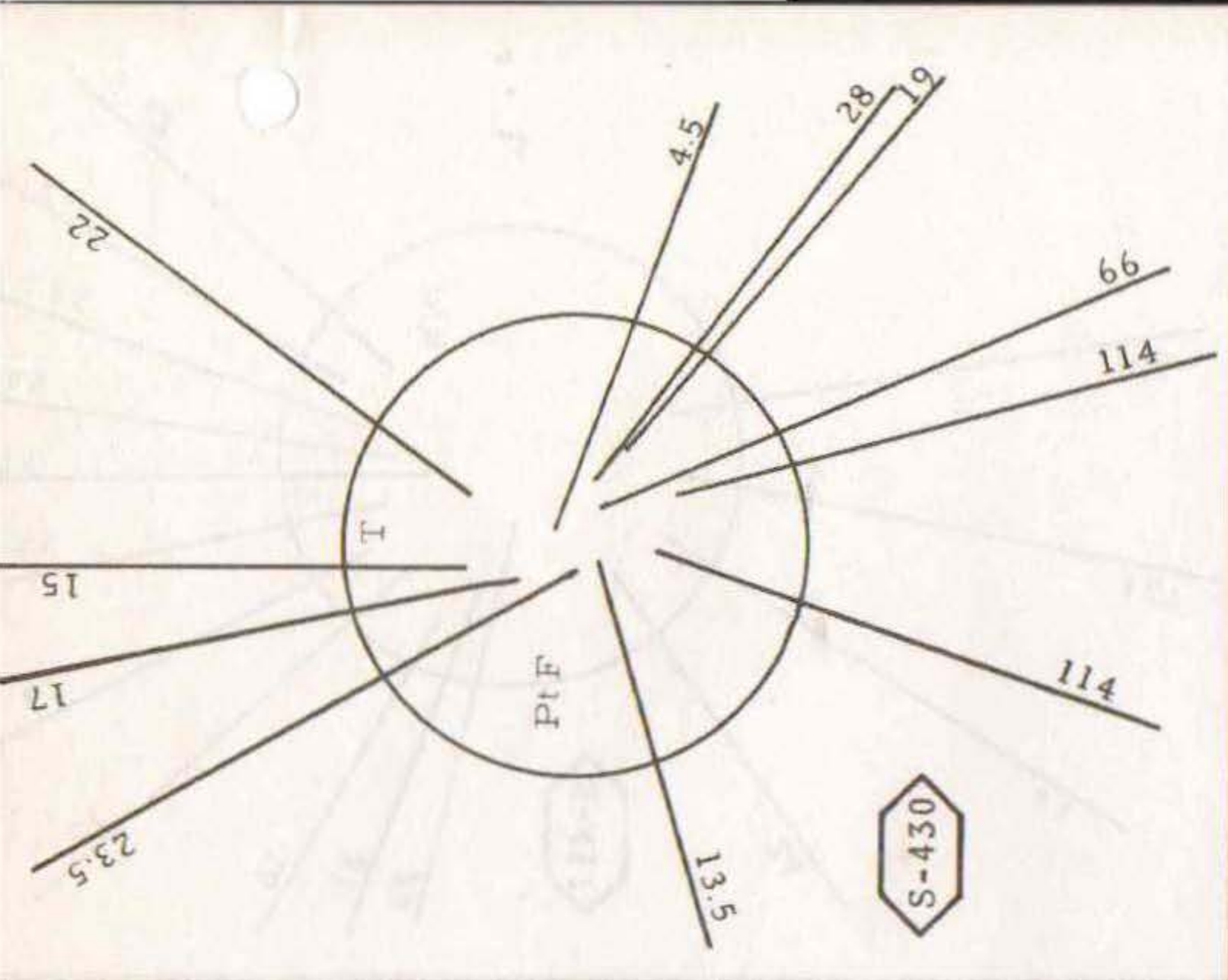
58.5
39
25.5
PtB
T
24
44
127
126


S-419
31
62
56
54
54
15
5
12
PtB
T
45
124
120
45


S-430
PtF
T
22
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66
114
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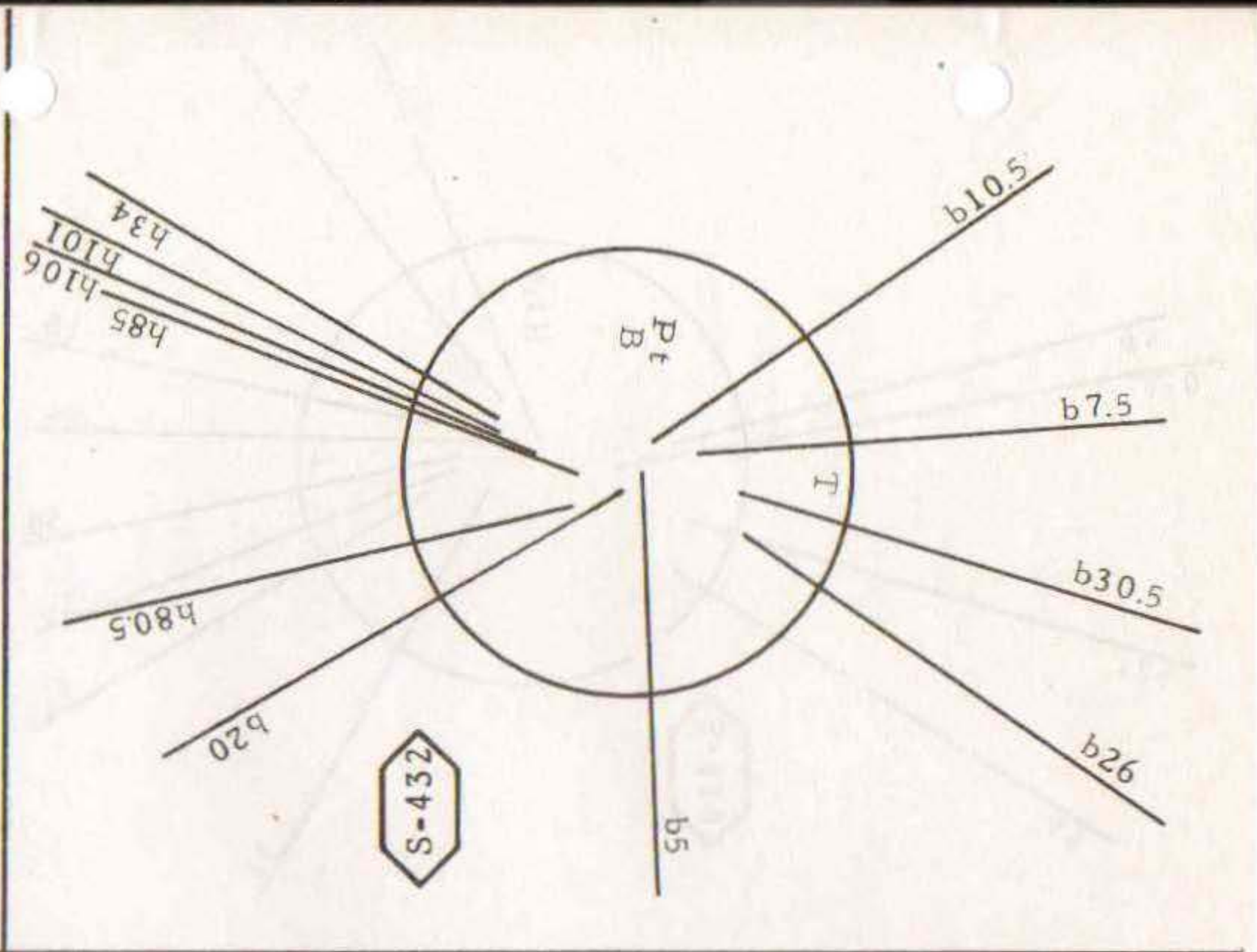
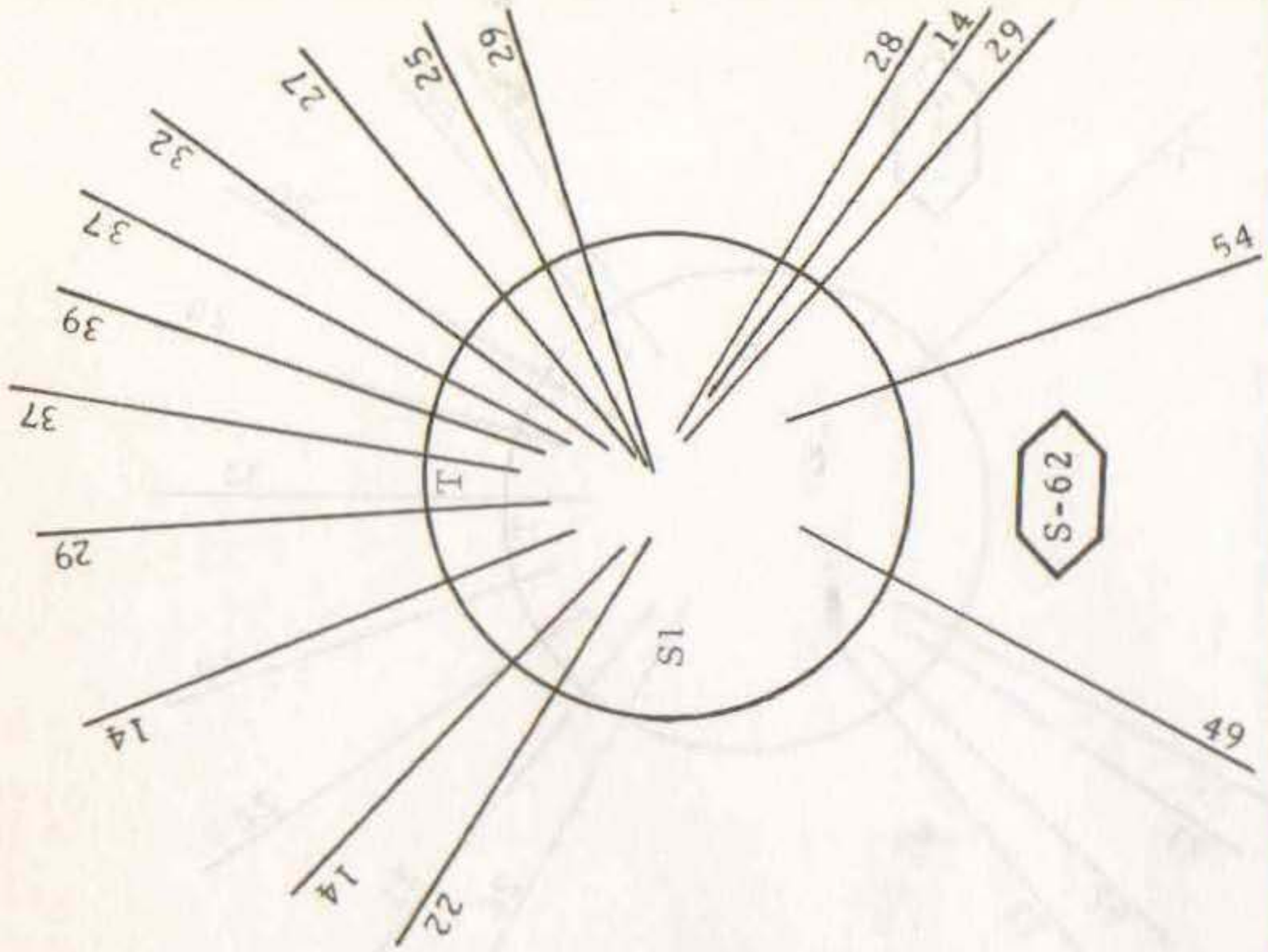
23.5
13.5
114


S-432
Pt
B
T
h34
h101
h106
h85
b10.5
b7.5
b30.5
b26
h80.5
b20
b5


S-429
PtB
T
9
23
17.5
17
25
11
27
40.5
14
69.5
116
111


S-431
Pt
F
T
b10
b6.5
b28
b25
b8
h37.5
h69, 89
h92
h81.5
h76.5
h81.5
b19
b9.5
b12
b9.5
V-60


S-62
T
S1
54
49
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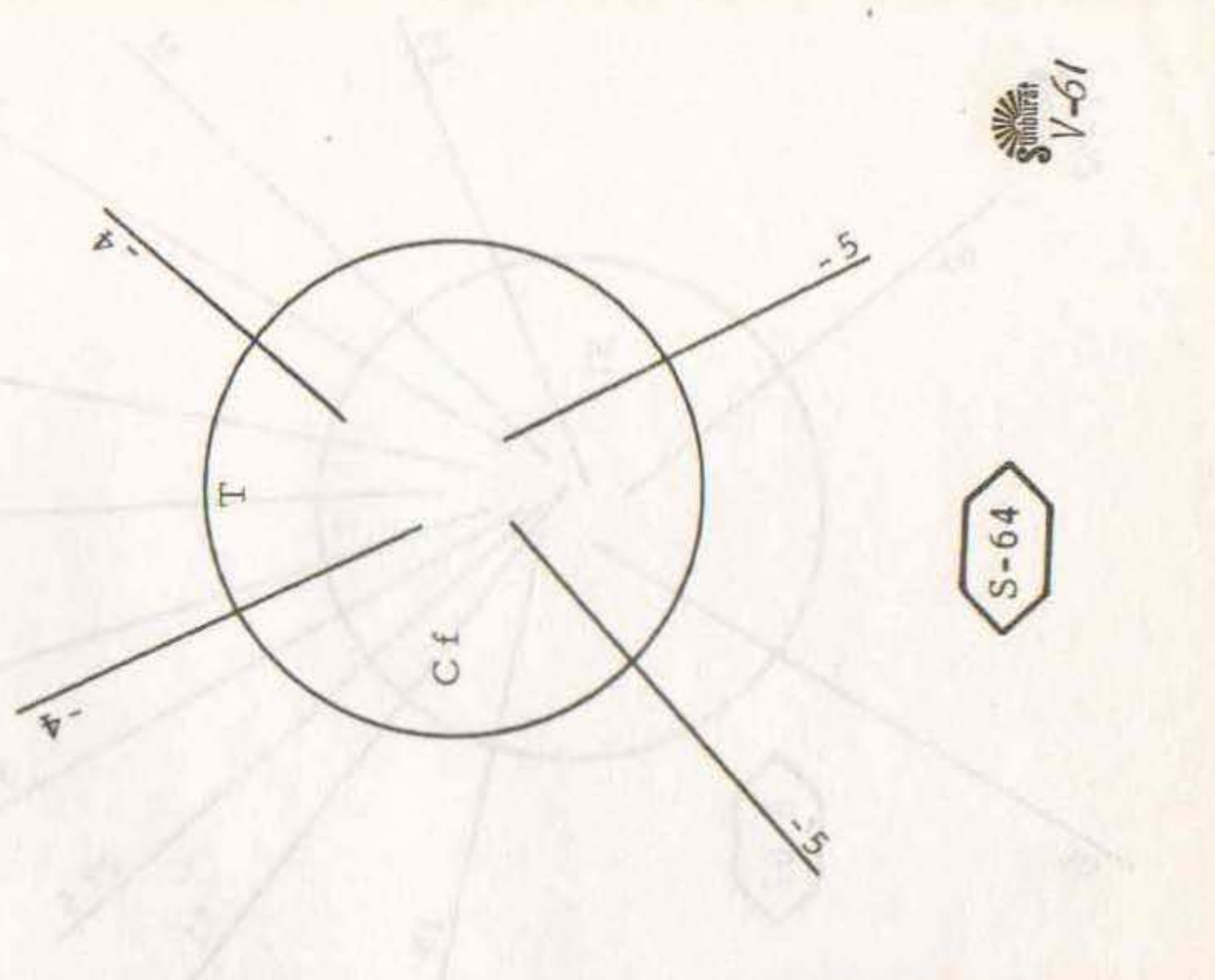
37
39
37
32
27
25
29
28
14
29


S-64
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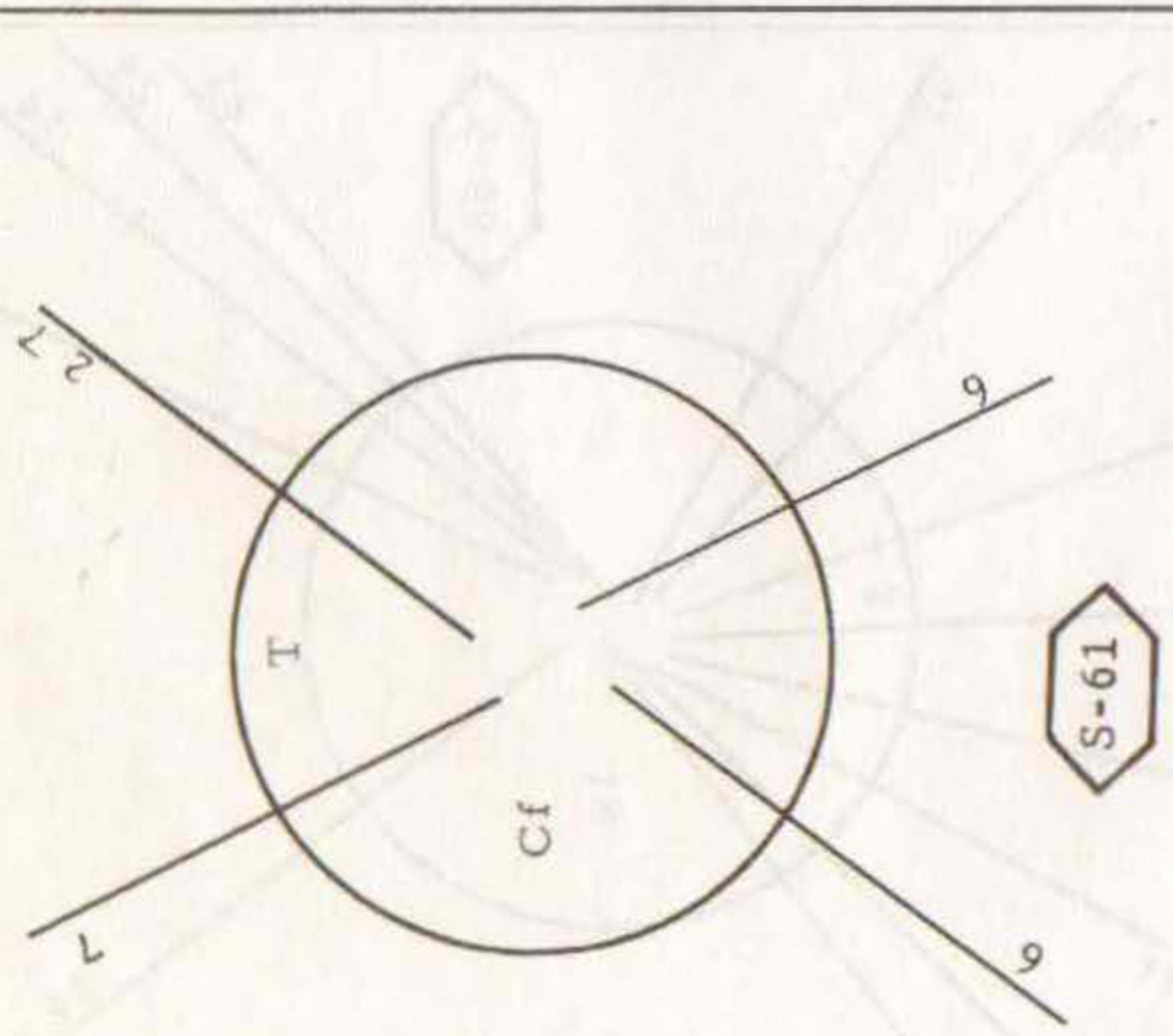
Cf
-4
-4
-5
-5


S-61
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Cf
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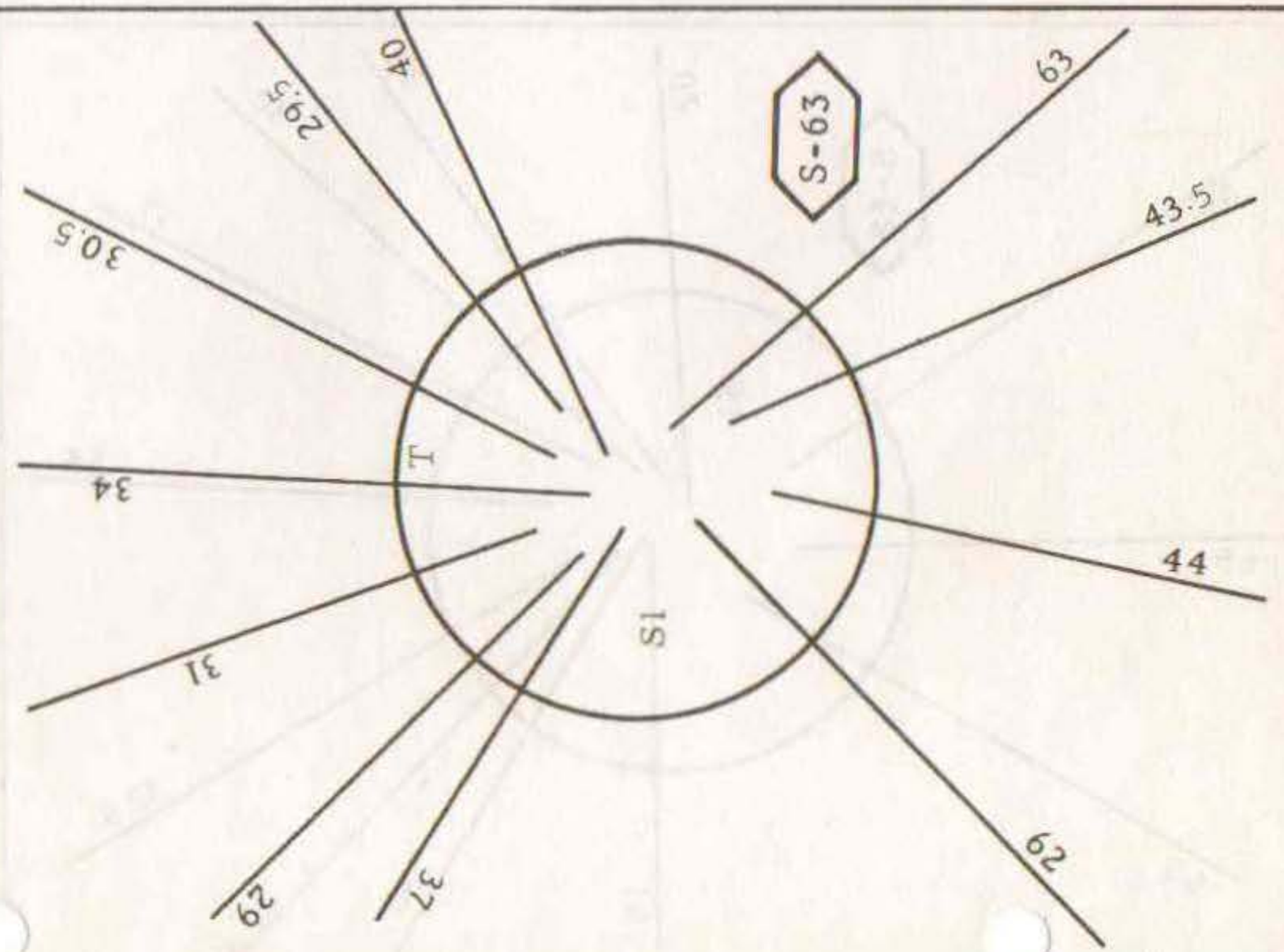
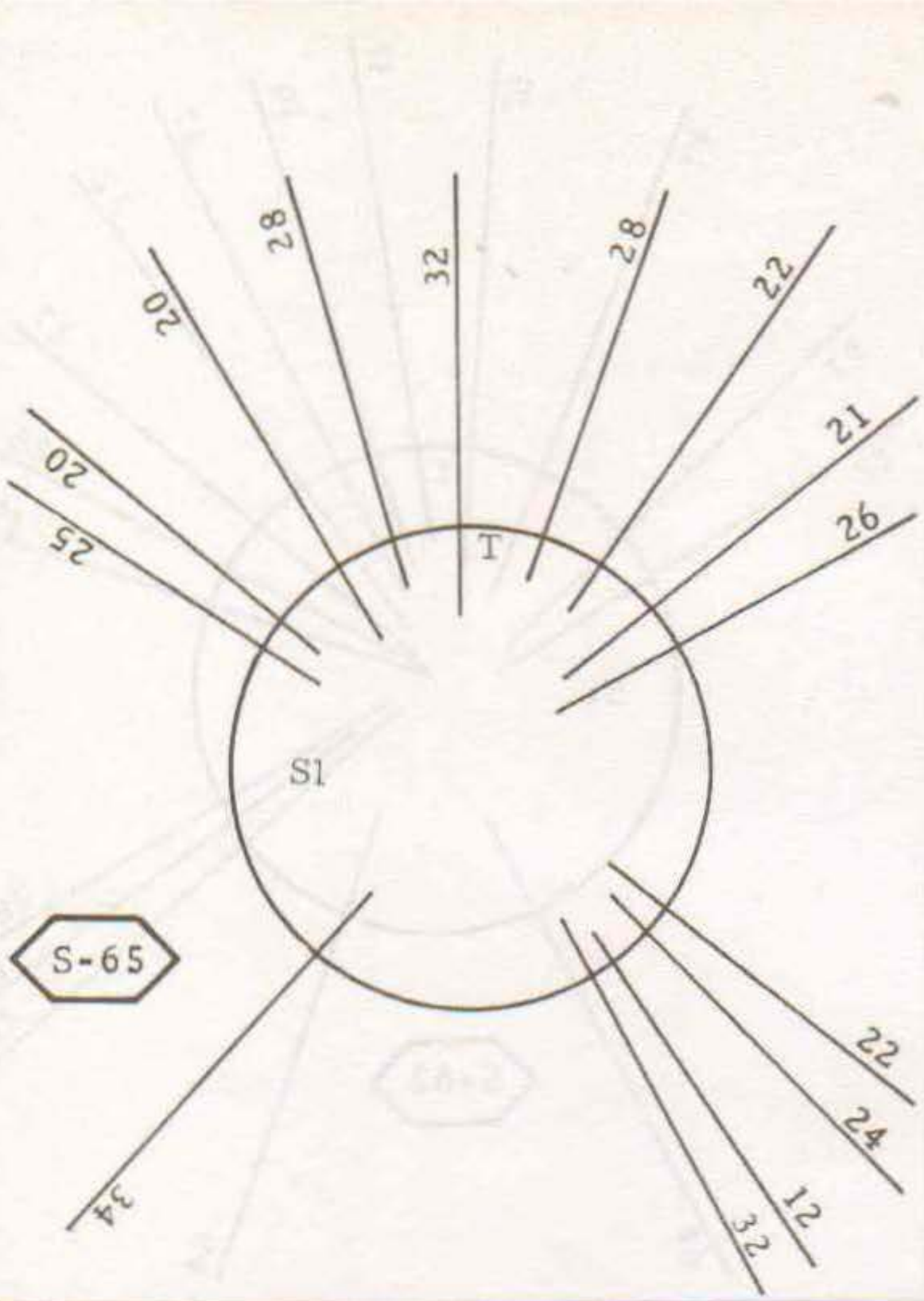
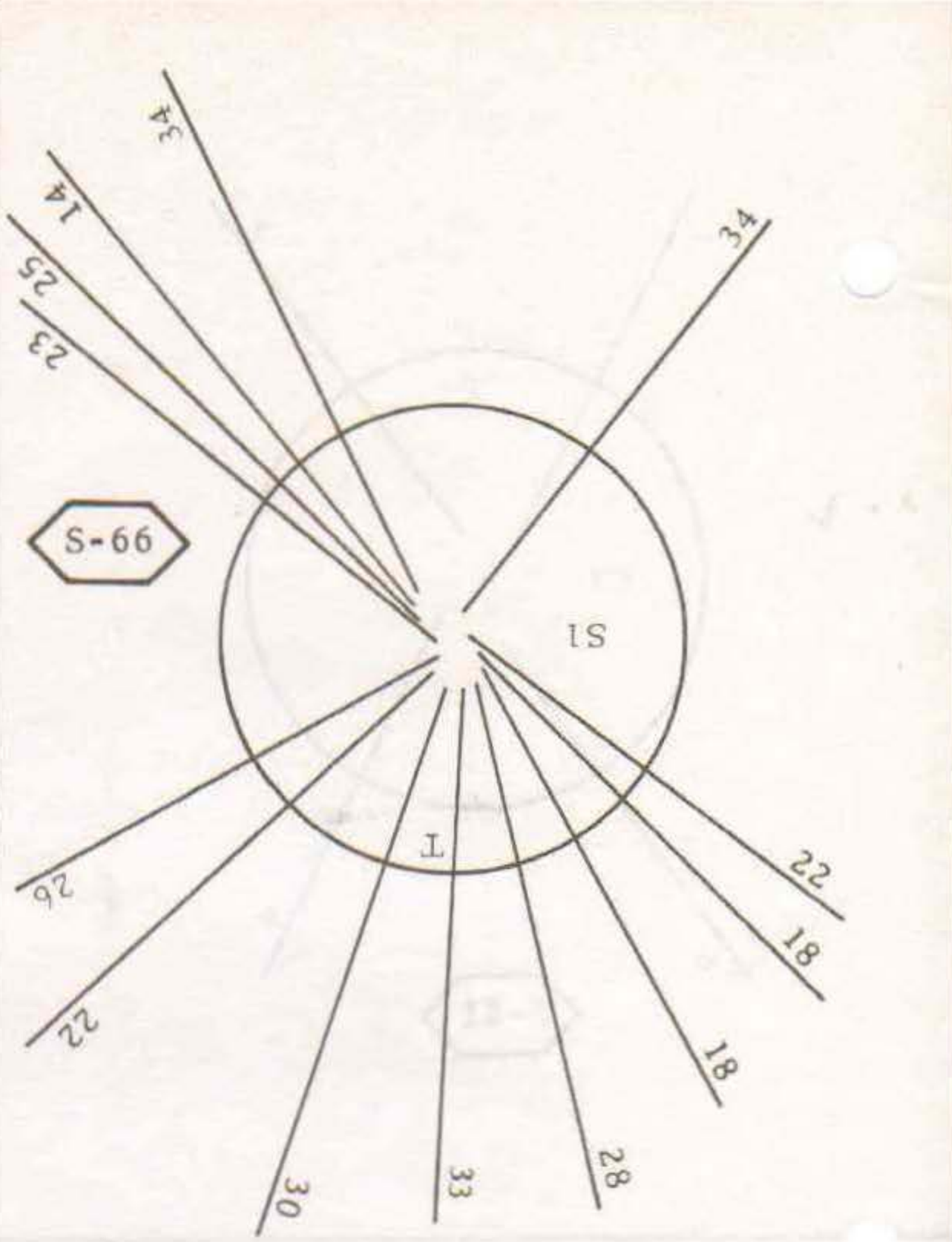
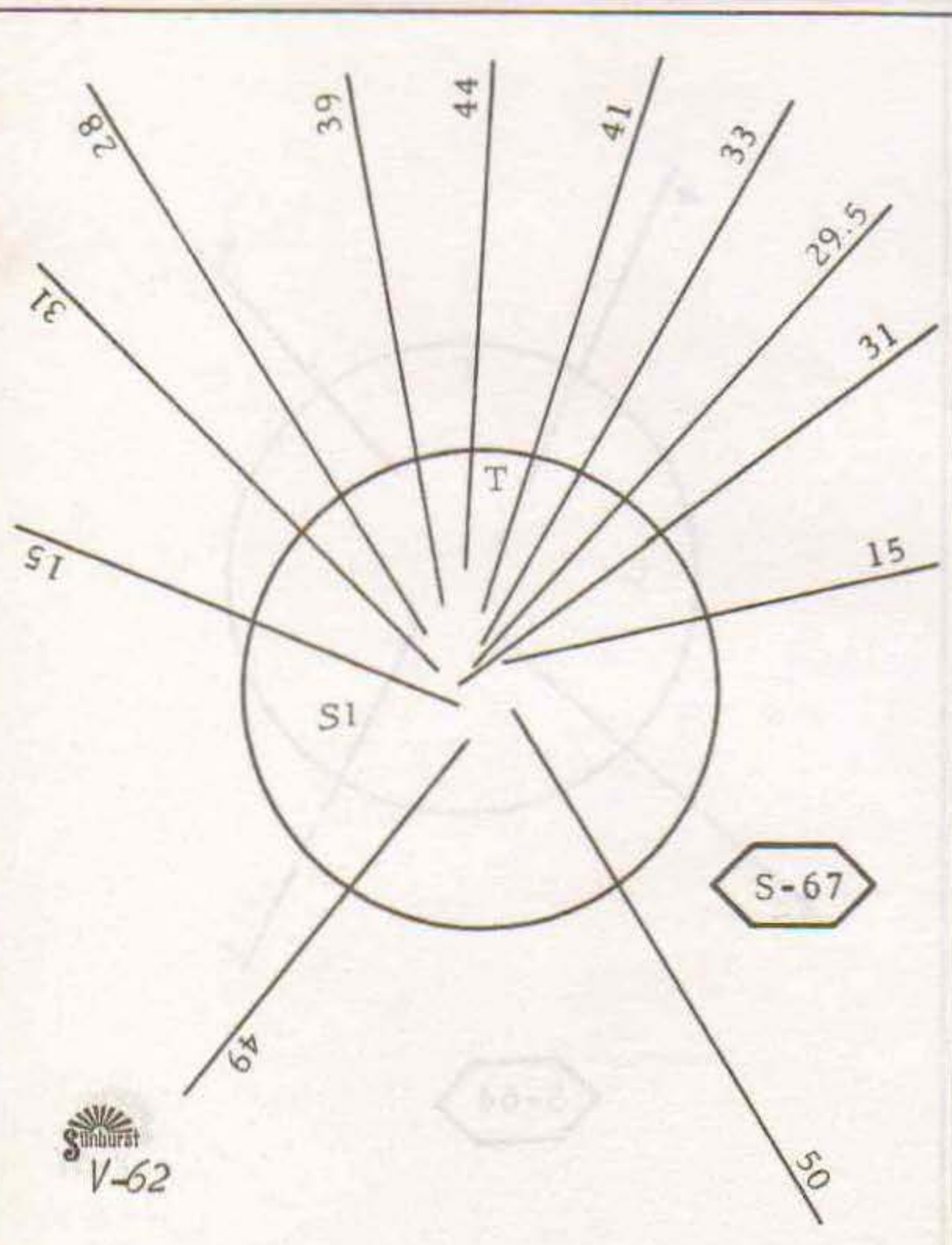
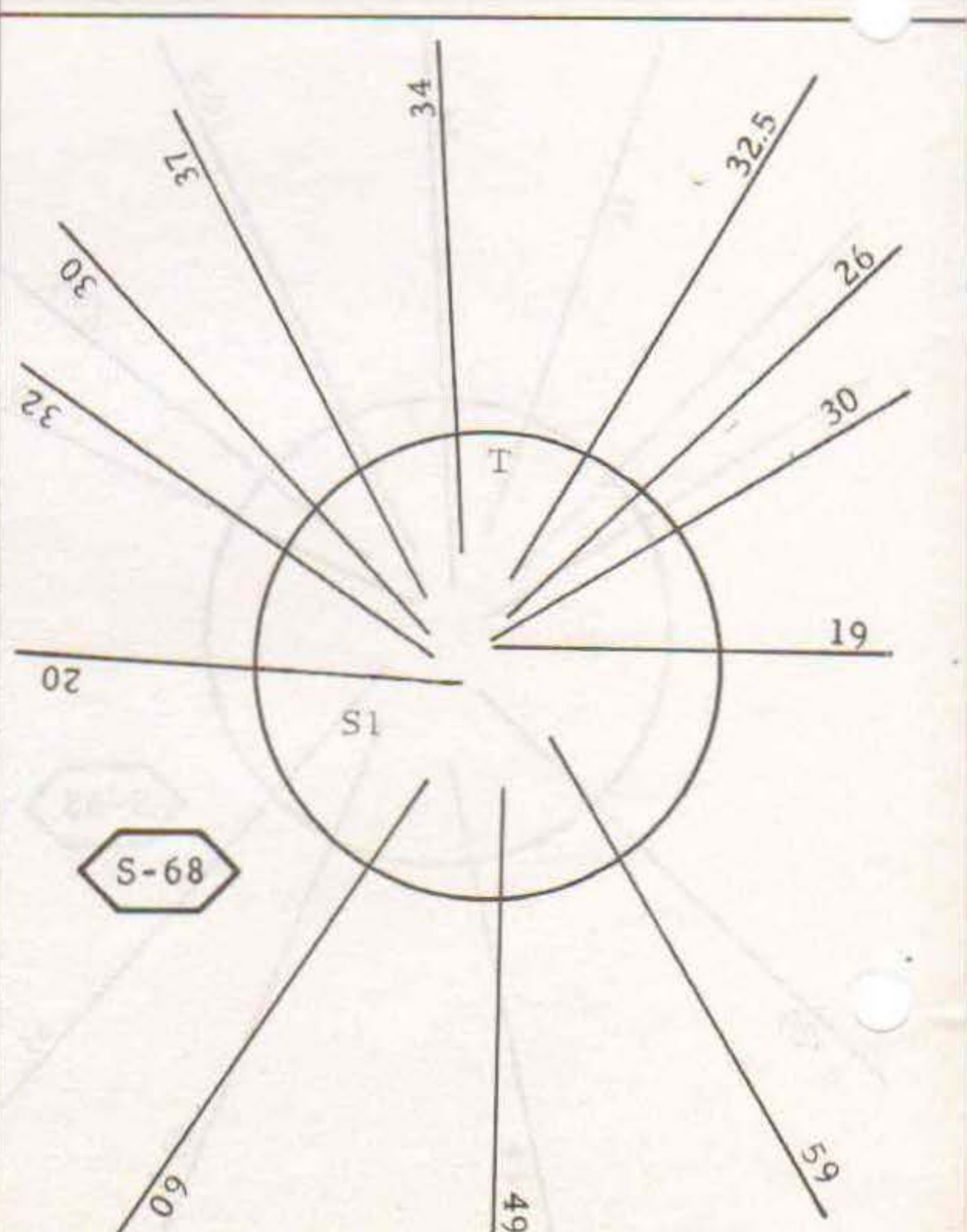
7
6
6


S-63
T
S1
40
29.5
30.5
34
31
29
37
63
43.5
44
62

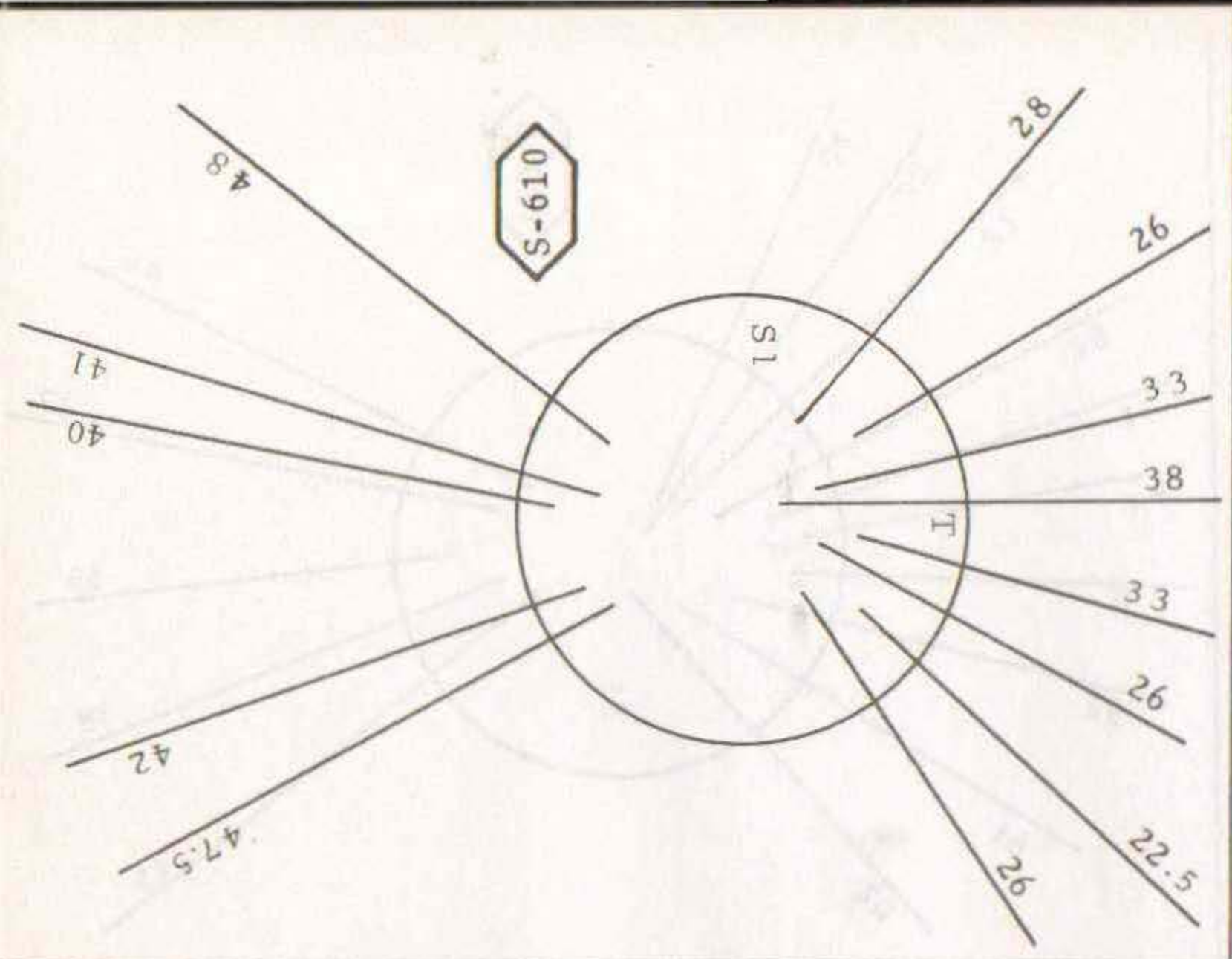


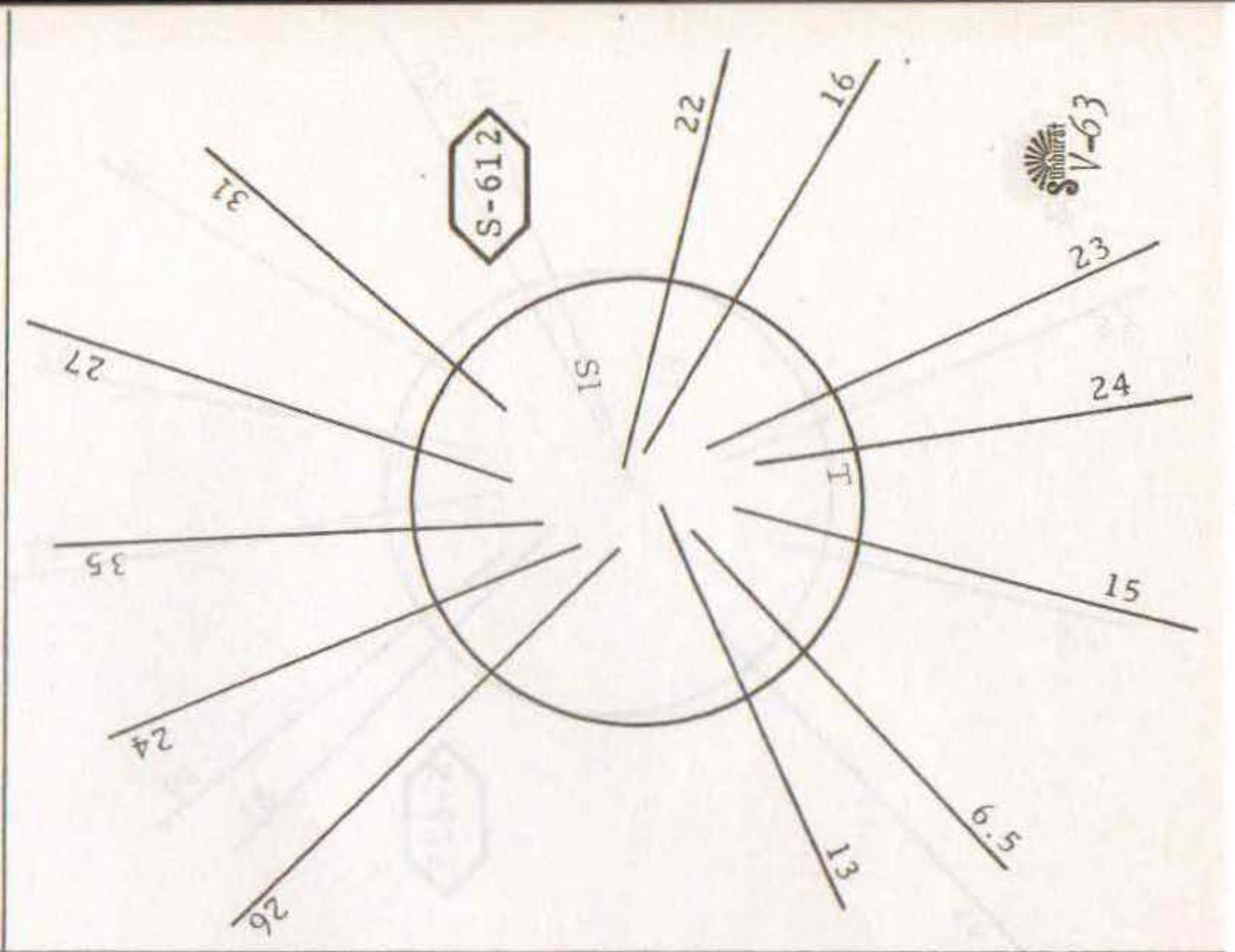




Sunburst
V-62


S-610
48
28
26
41
40
S1
33
38
T
33
42
26
47.5
22.5
26


S-612
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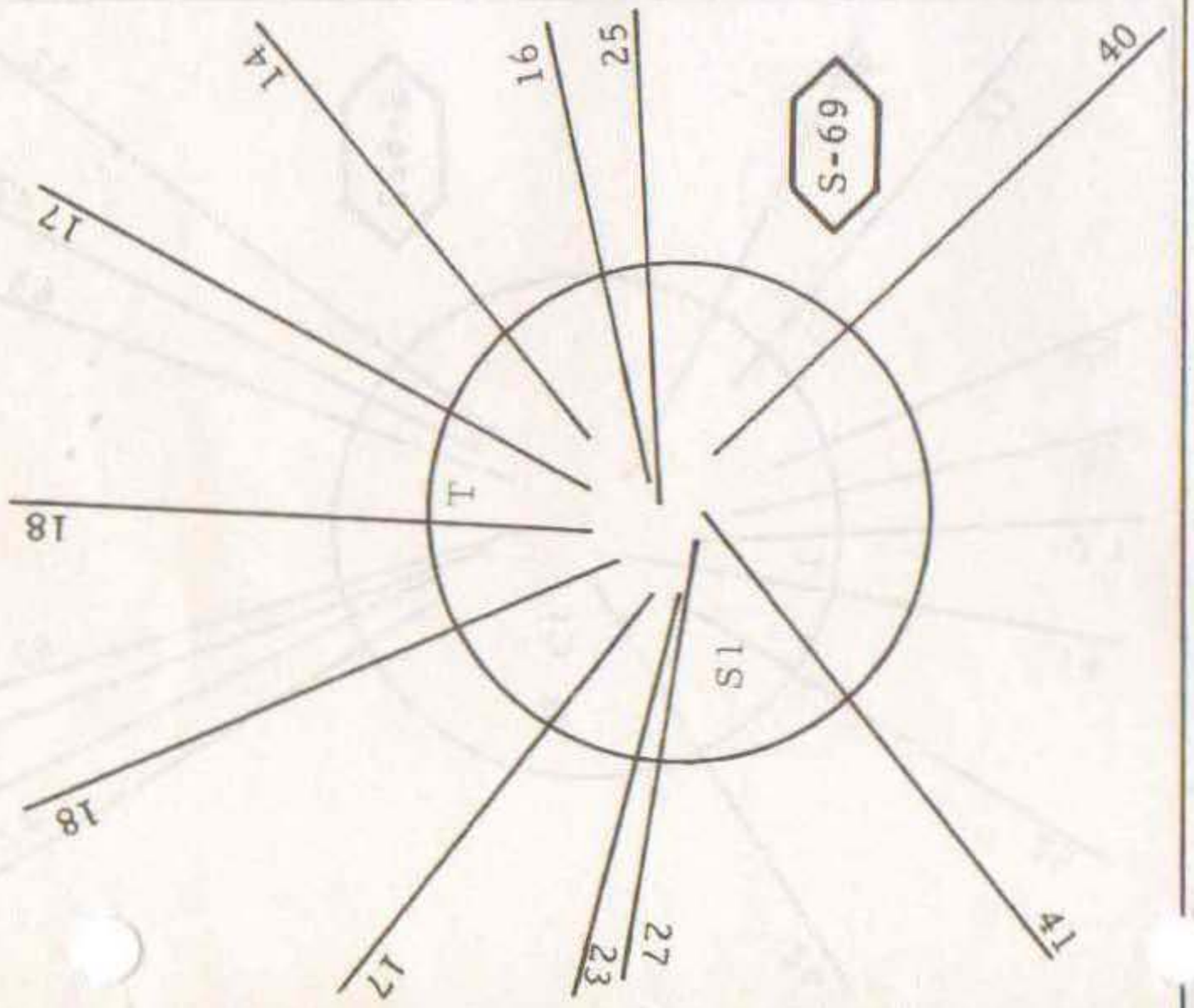
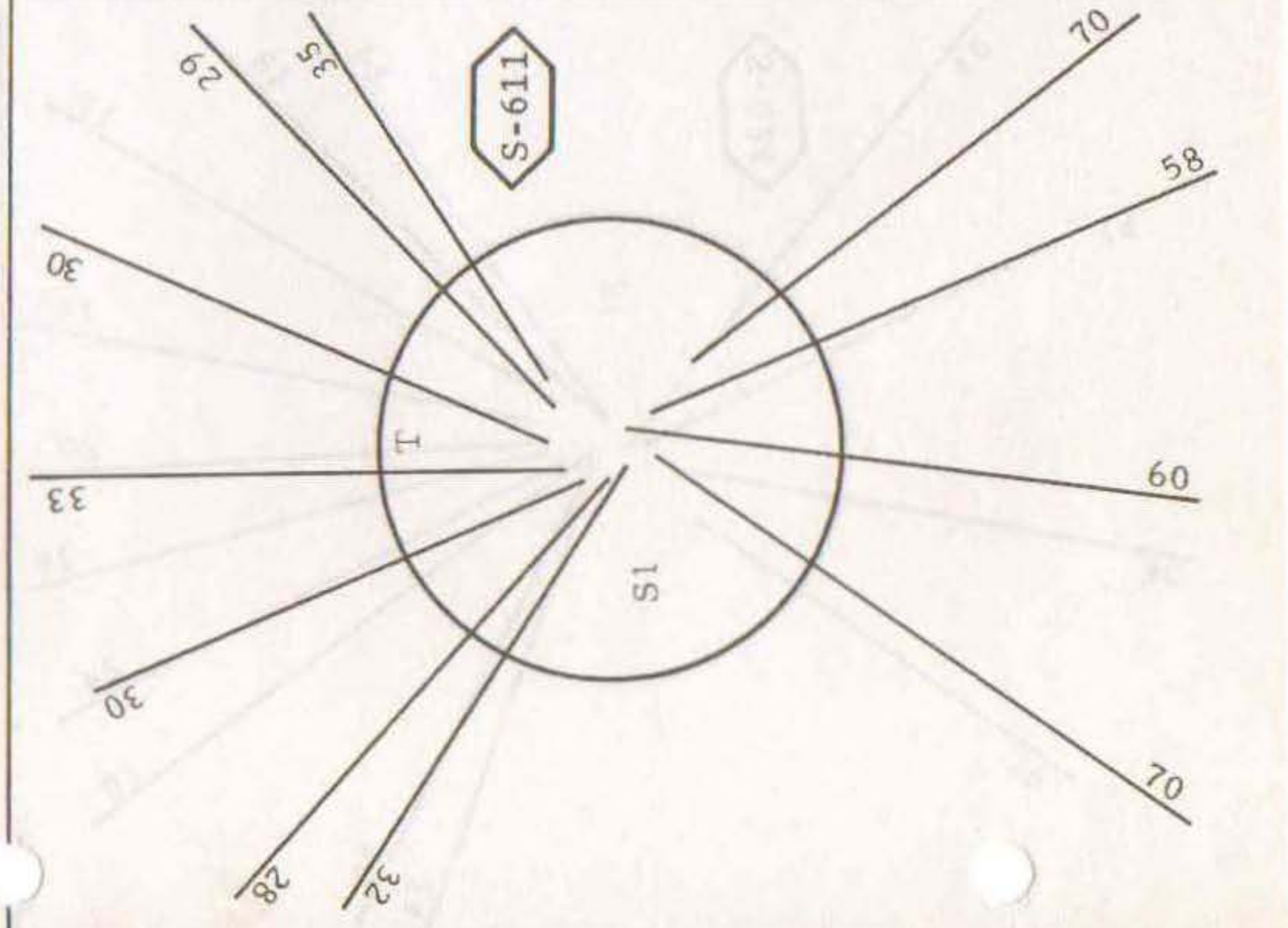
16
31
23
27
S1
24
T
35
15
24
6.5
26
13


S-69
14
16
25
40
17
T
18
S1
18
17
27
23
41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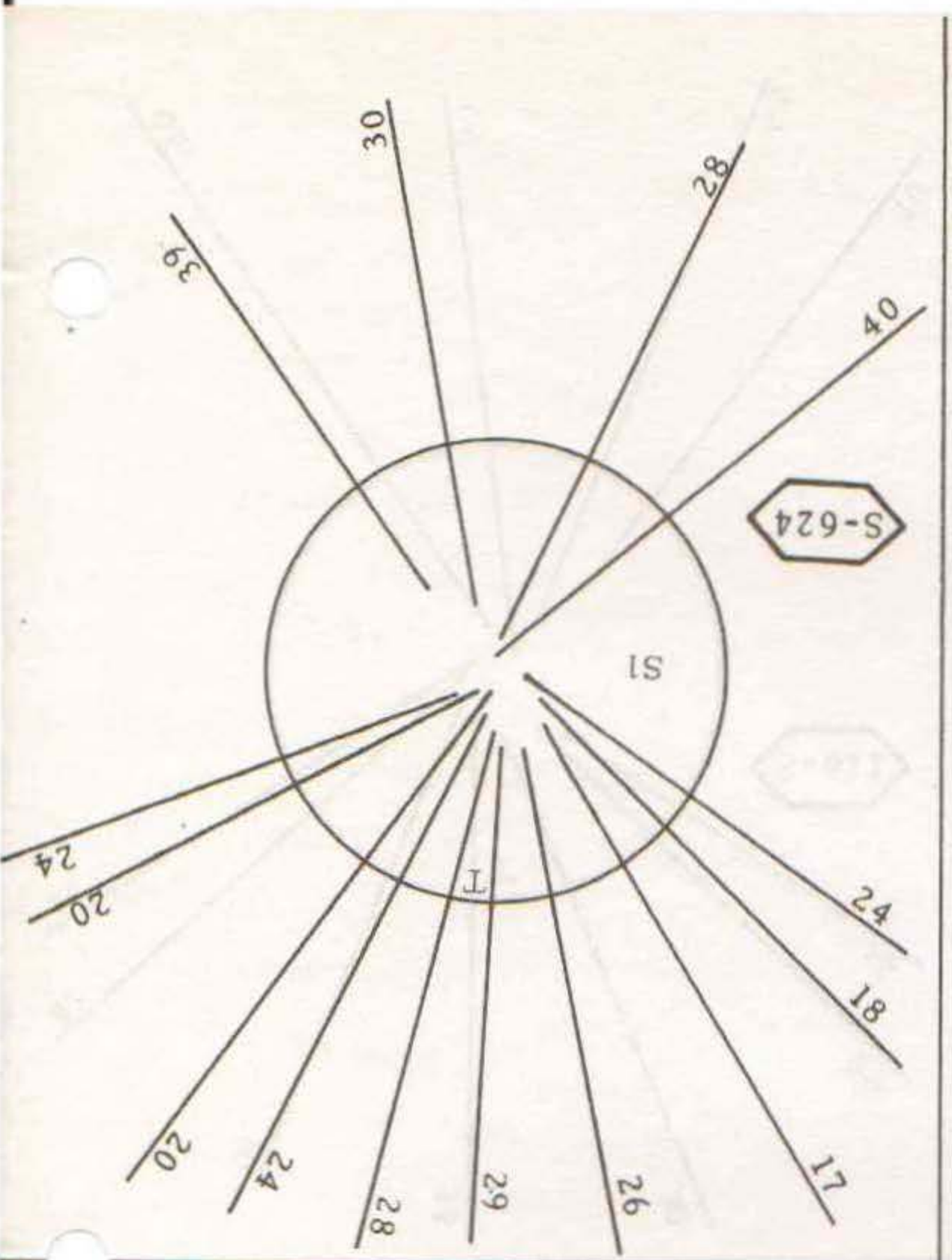
58
30
T
33
60
S1
30
70
28
32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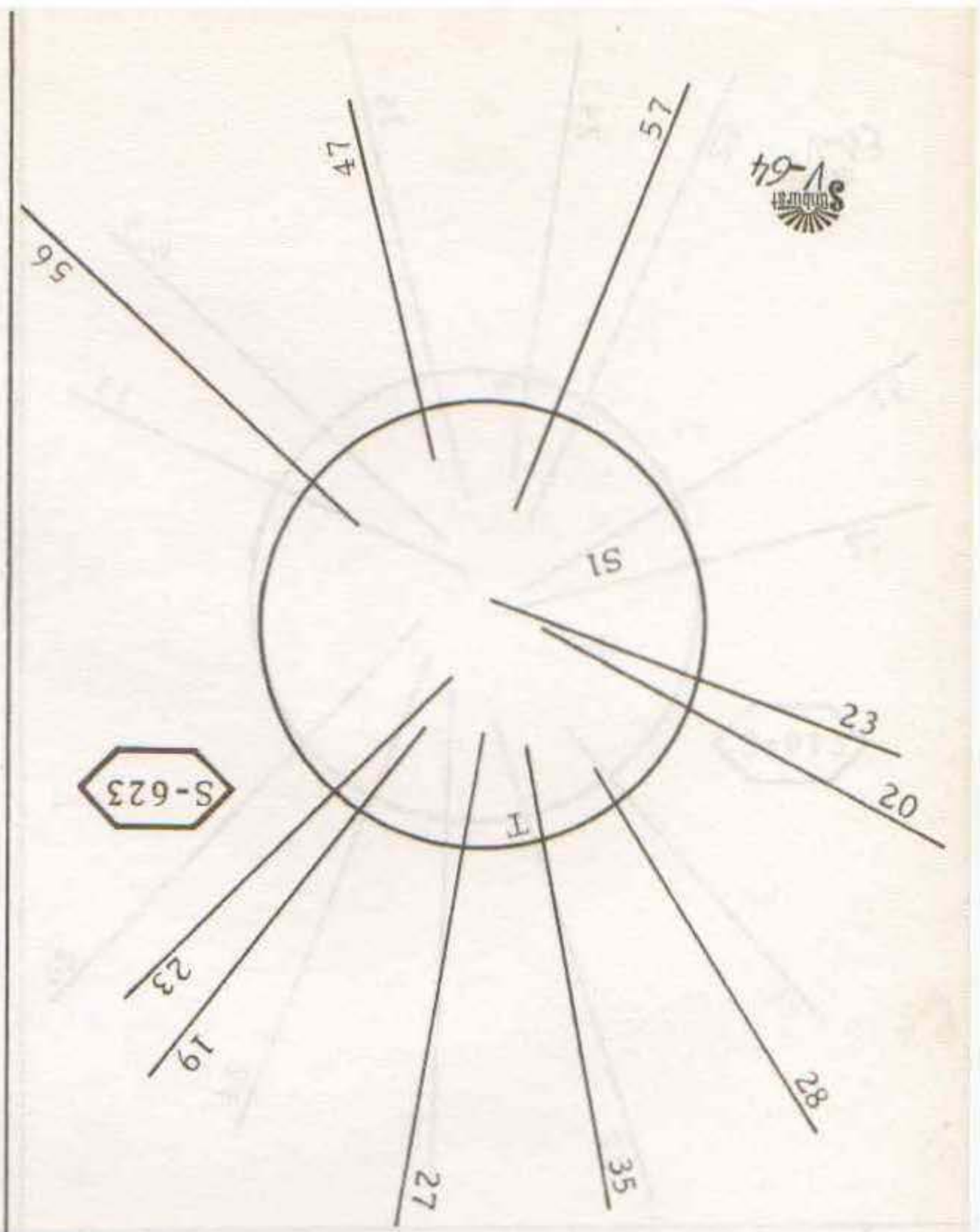
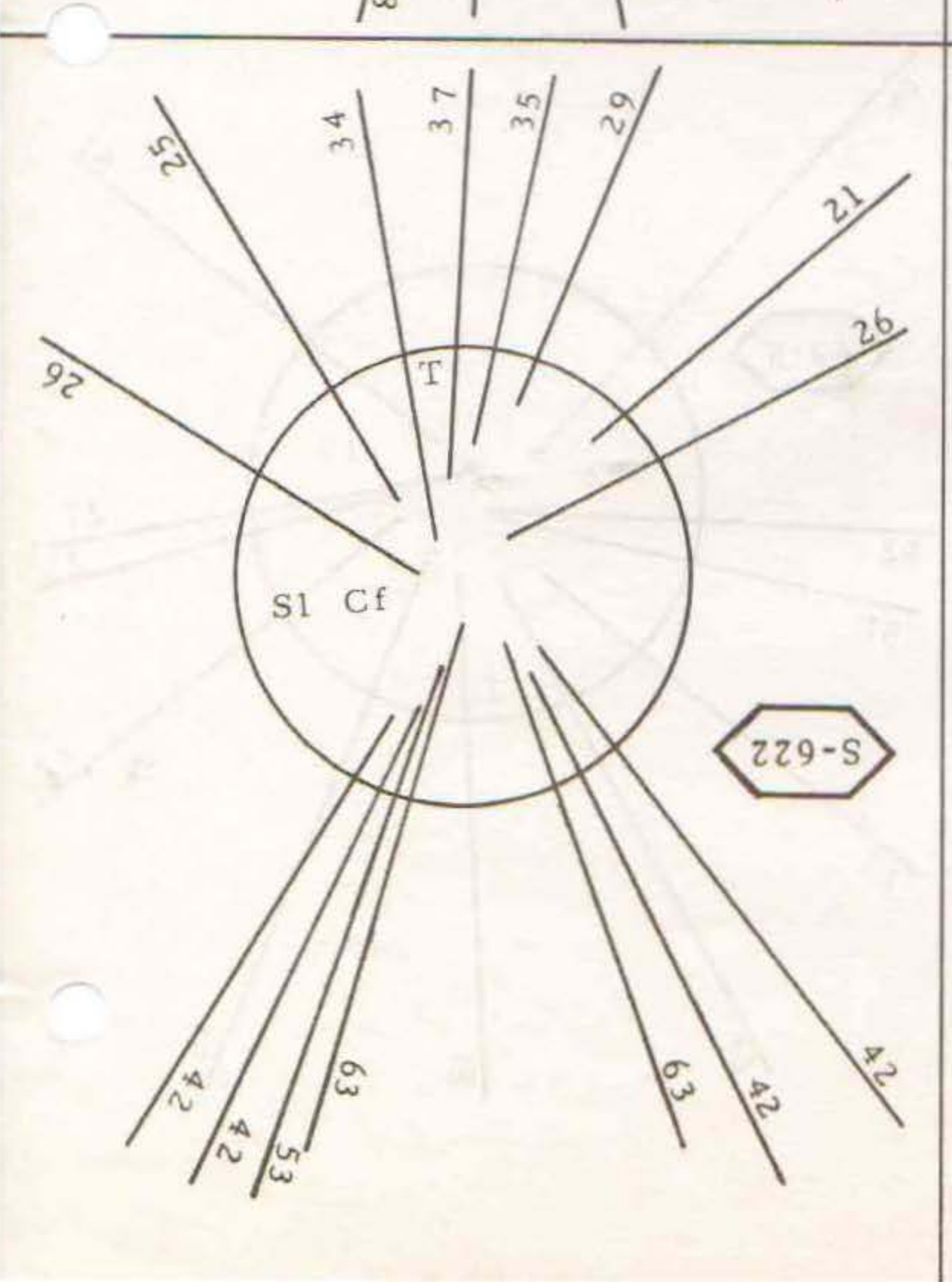
18
24


S-623
S1
T
56
47
57
23
20
23
19
27
35
28


S-622
S1 Cf
T
25
34
37
35
29
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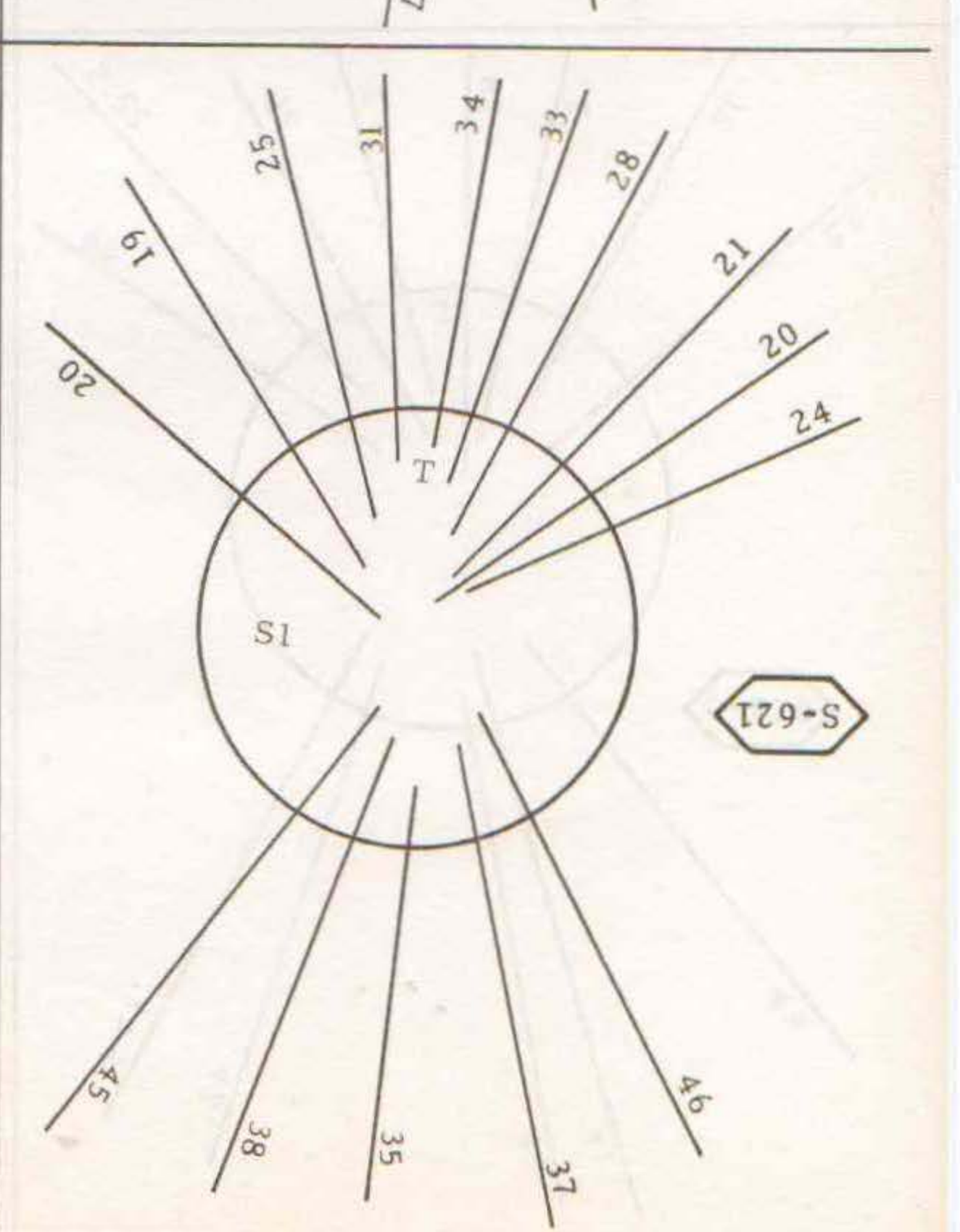
42
53
63
63
42
42


S-621
S1
T
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21
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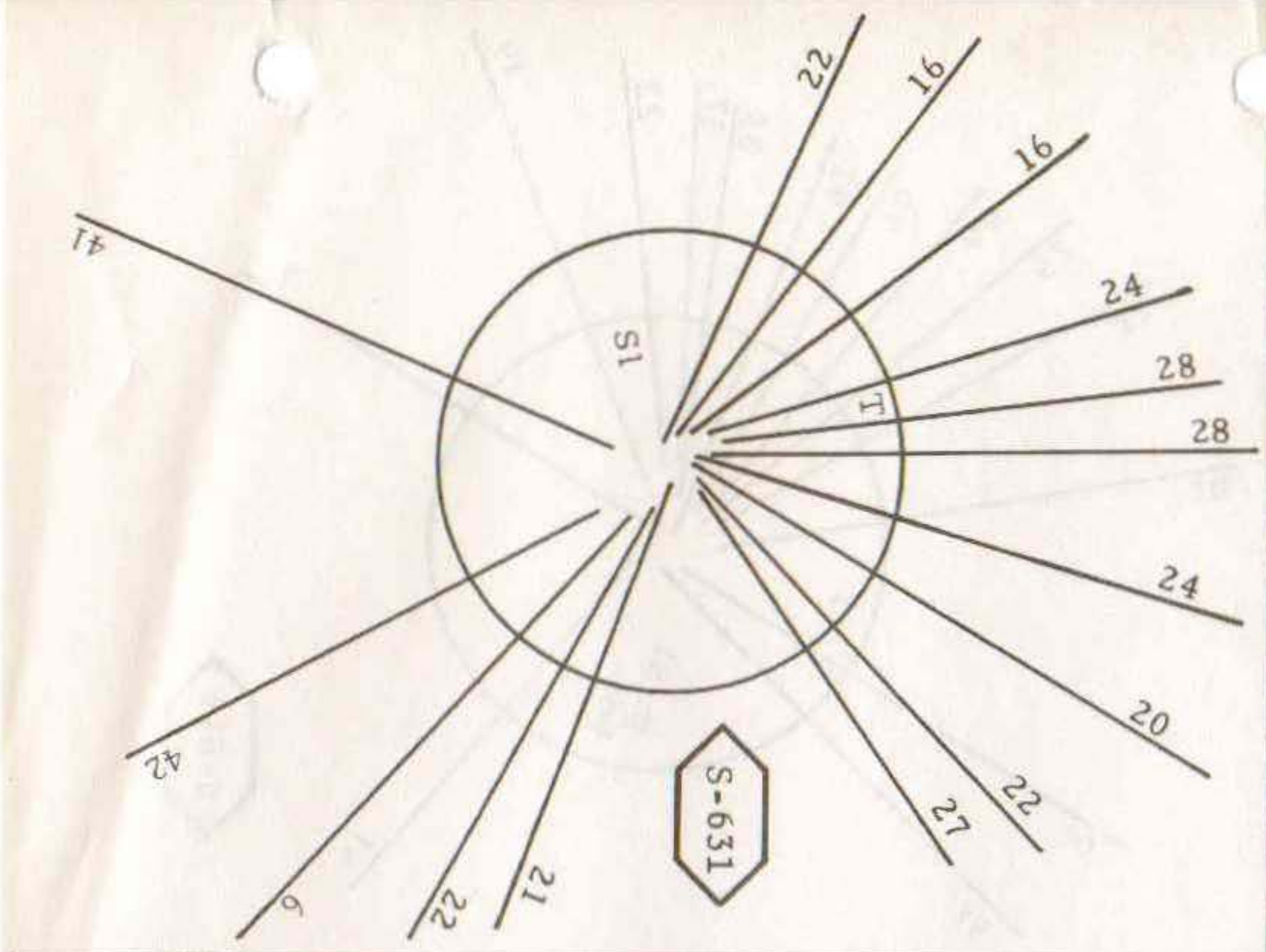
38
35
37
46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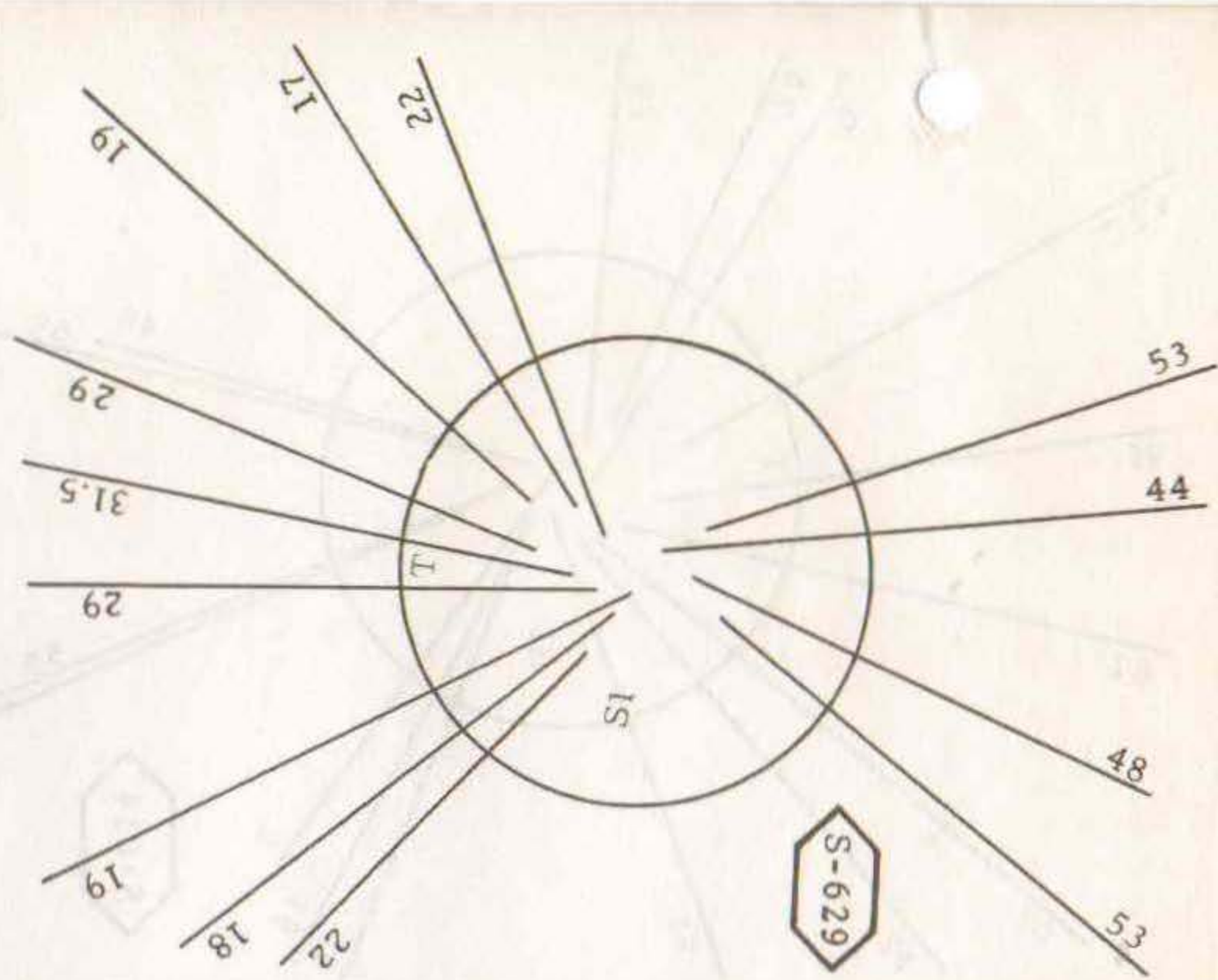
24
20
27
22
21
22
6
42
S1
T
S-631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31.5
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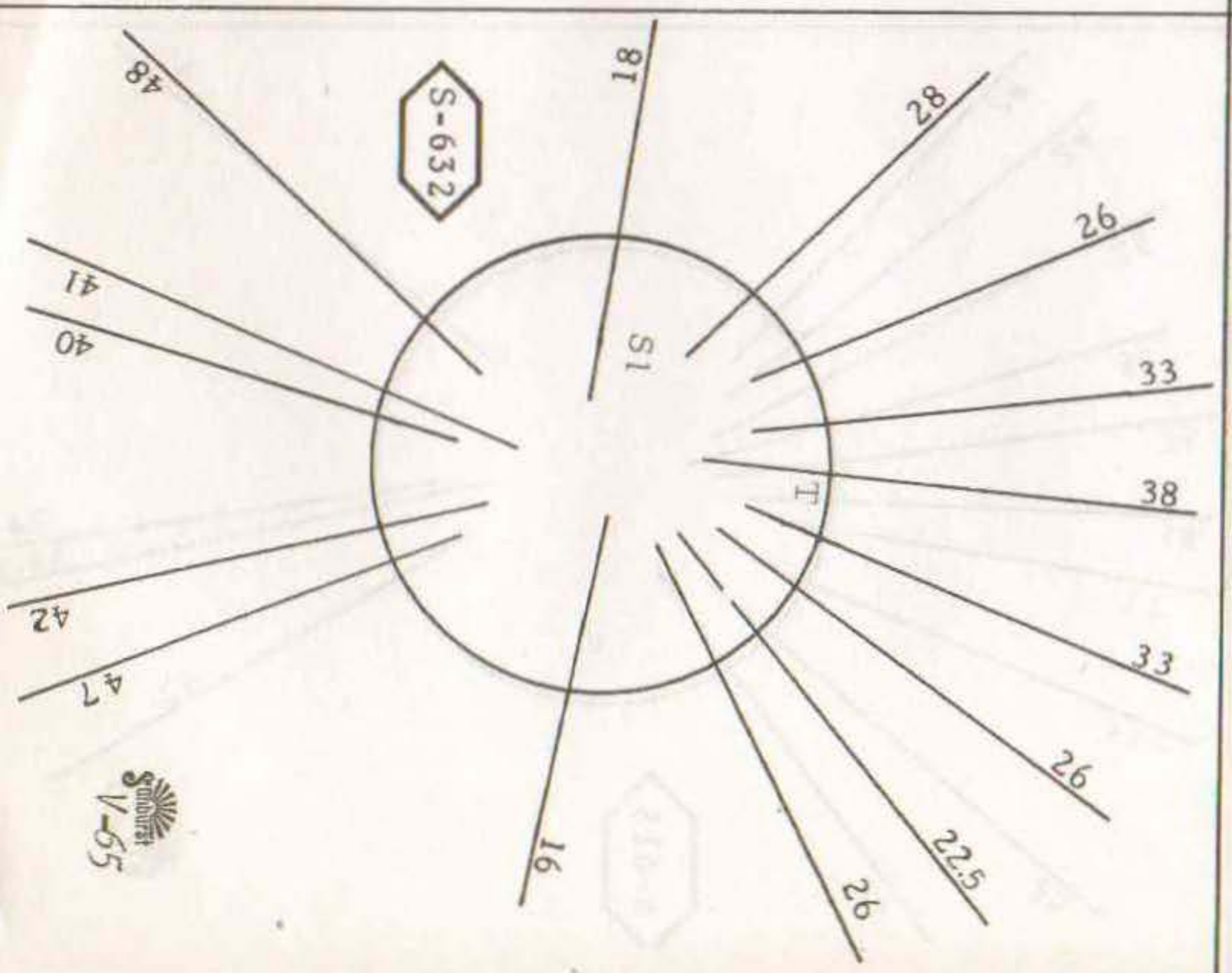
44
48
53
19
18
22
S1
T
S-629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18
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33
38
33
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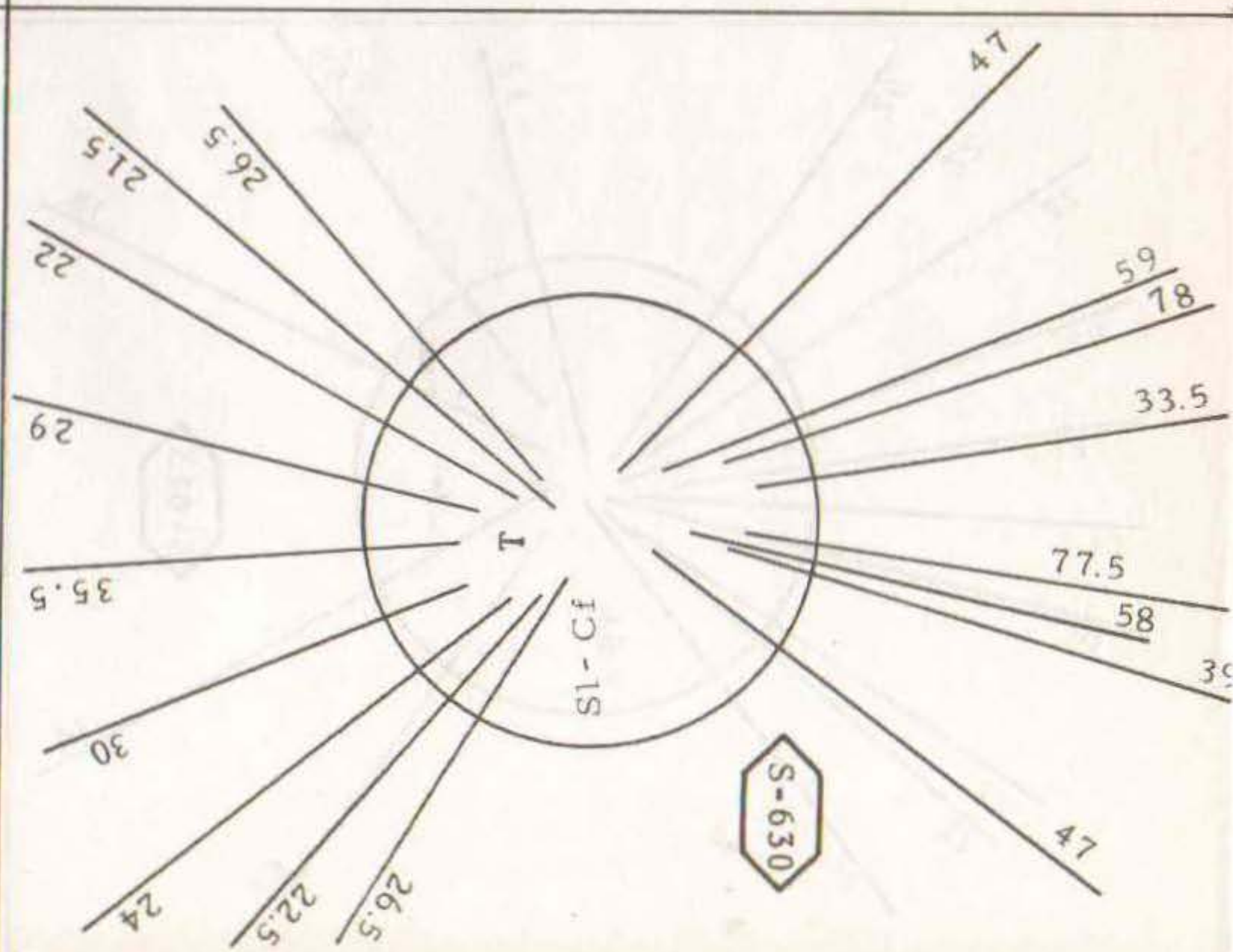
22.5
26
16
41
40
42
47
S1
T
S-632


47
26.5
21.5
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35.5
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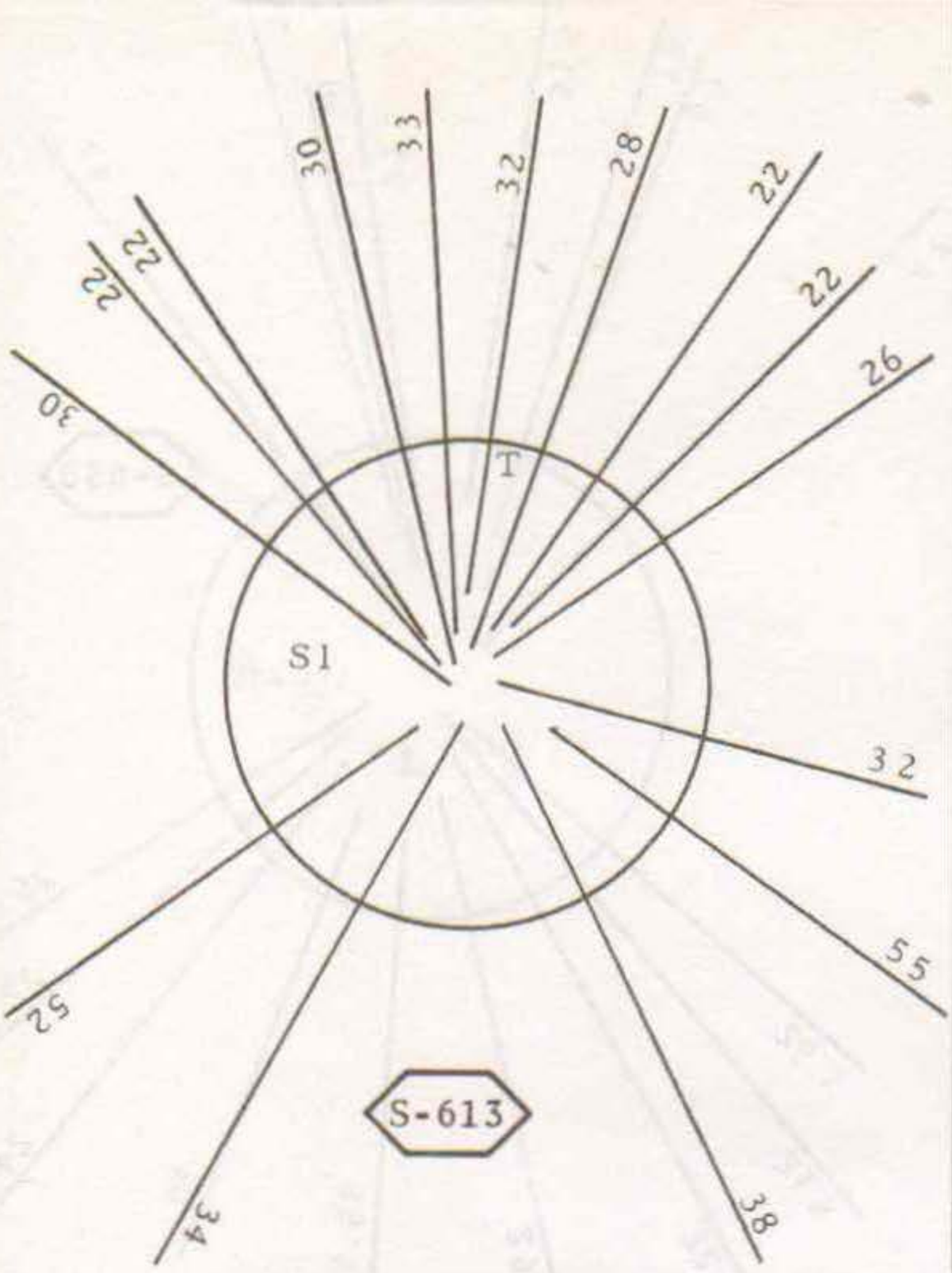
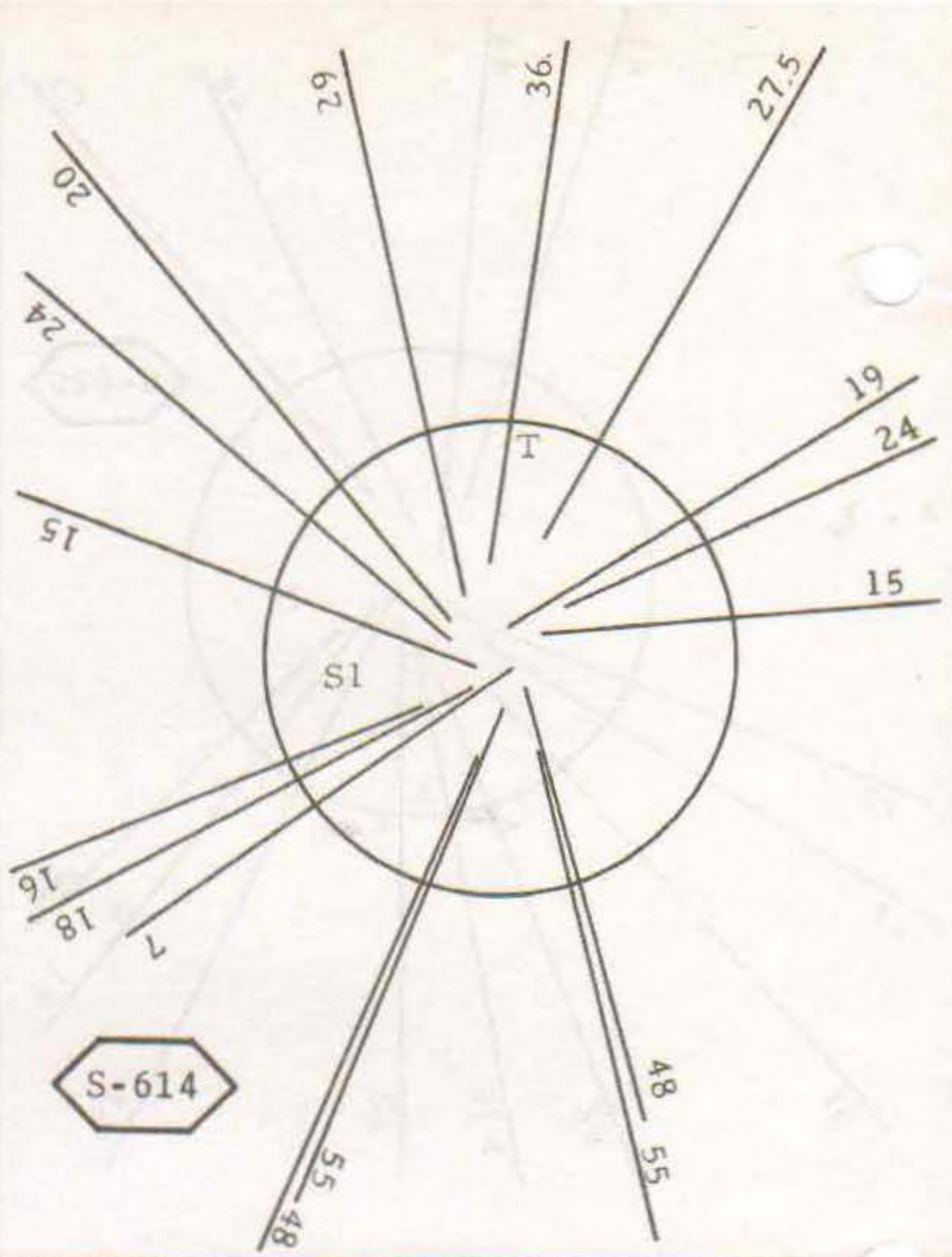
24
22.5
26.5
47
59
78
33.5
77.5
58
S1 - Cf
T
S-630


30
22
22
30
33
32
28
22
22
26
T
S1
32
55
52
34
38
S-613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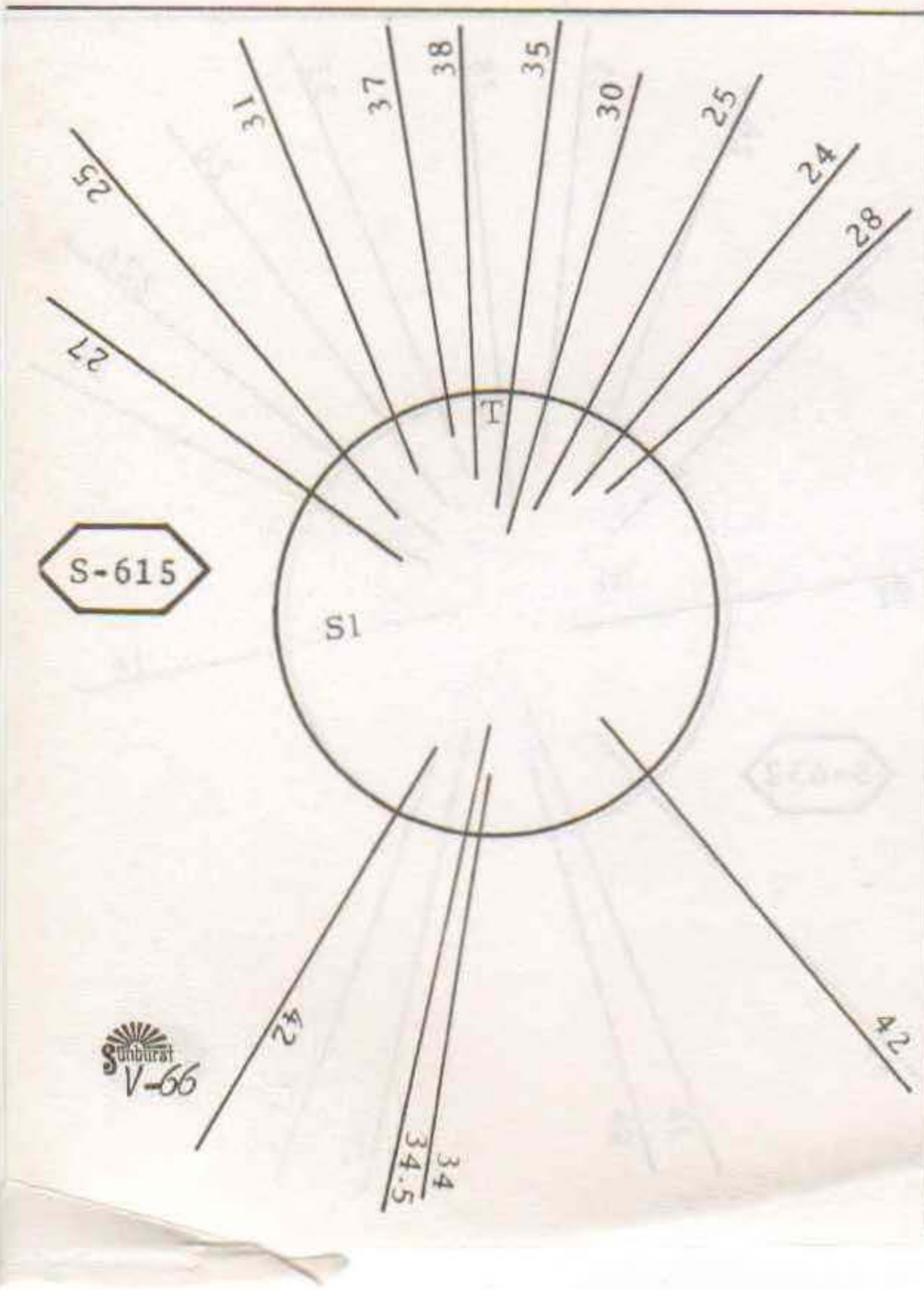
S-614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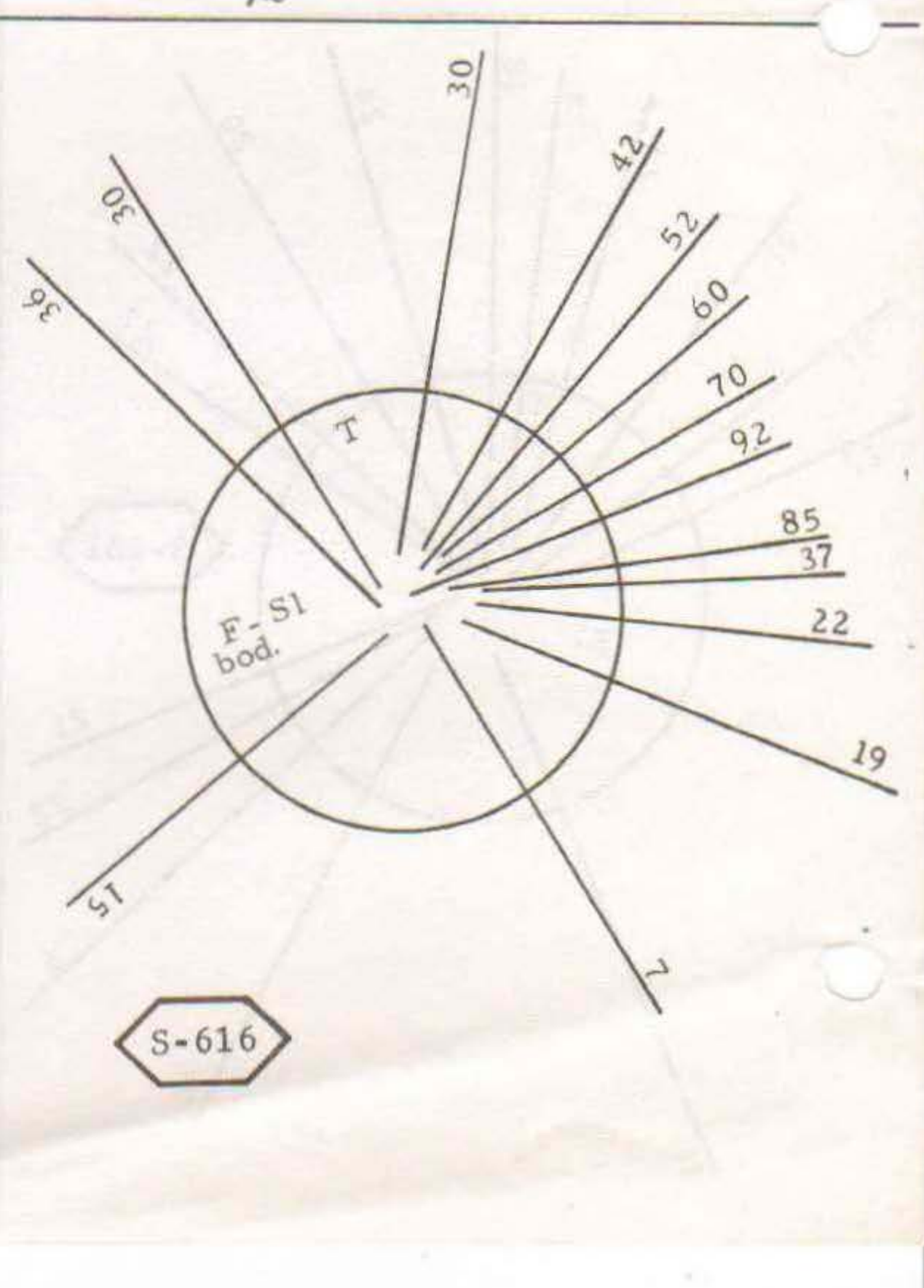
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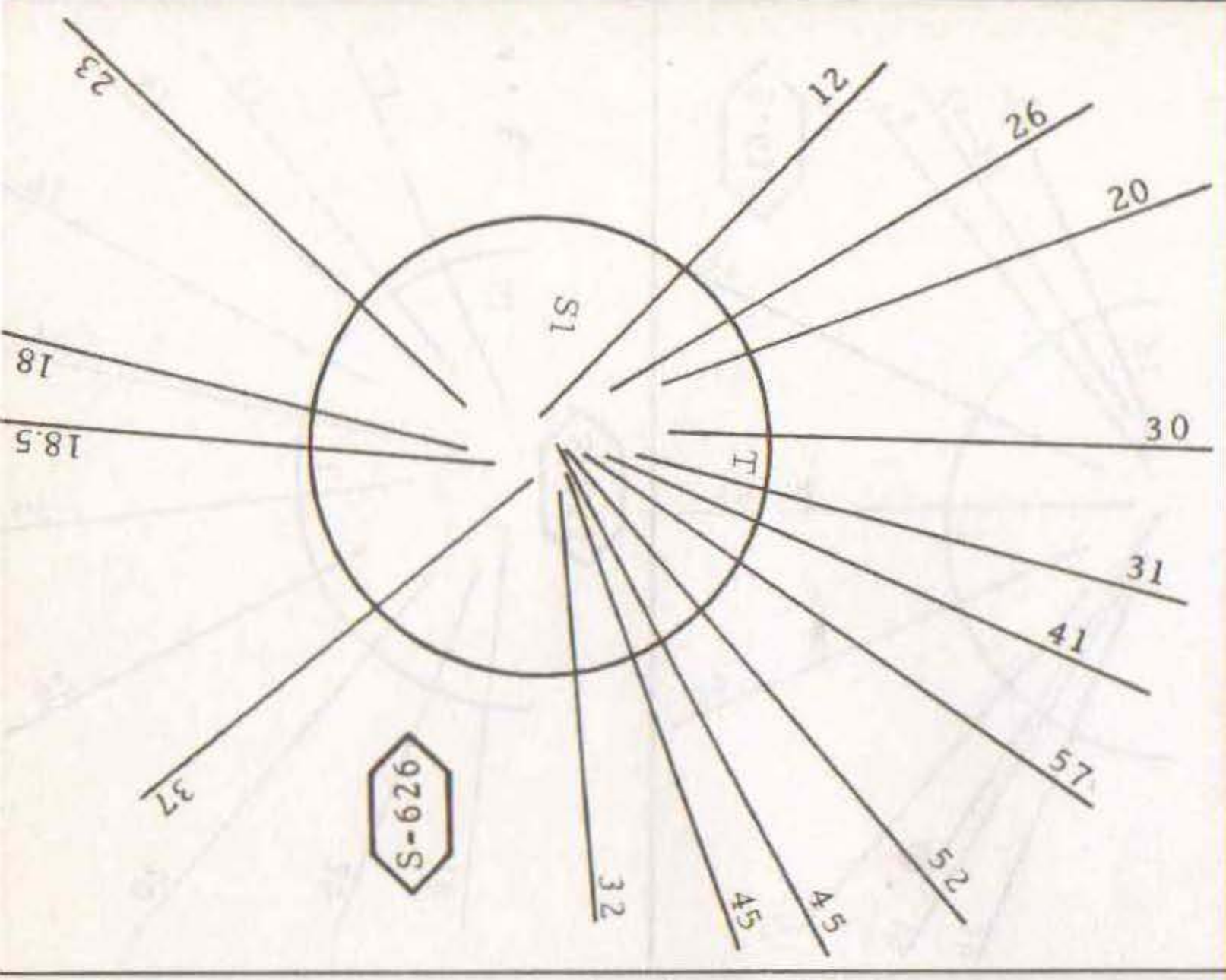
S-616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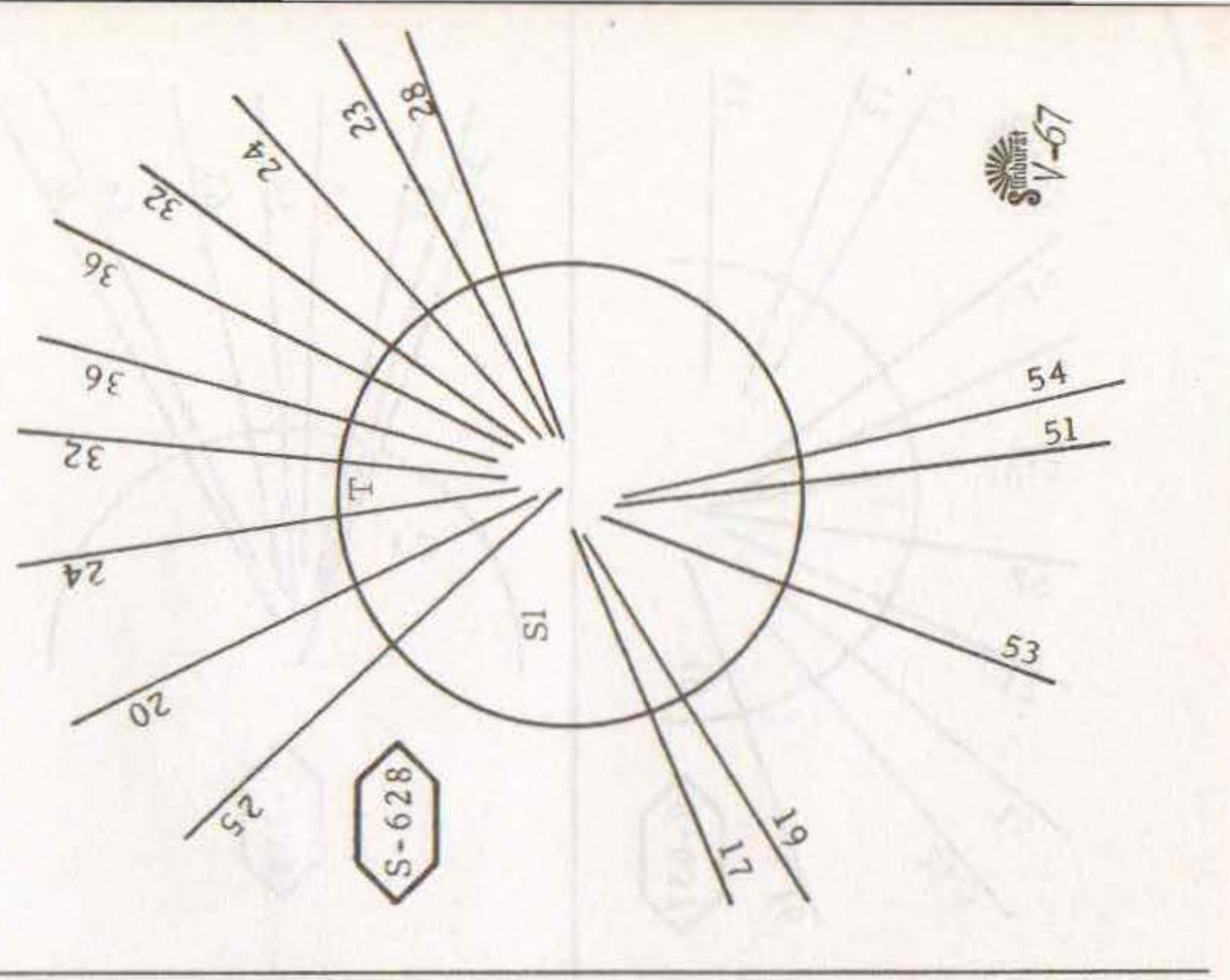
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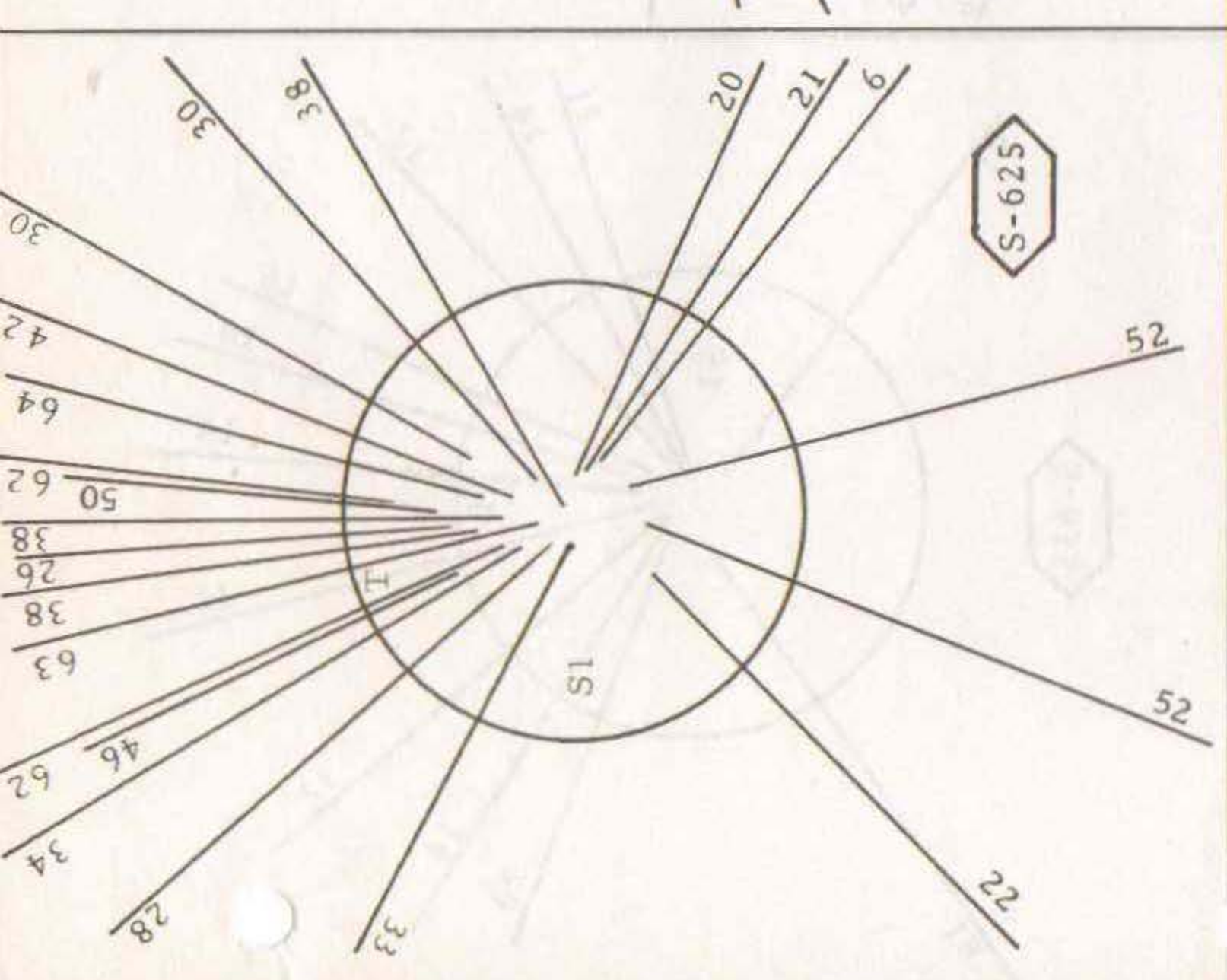
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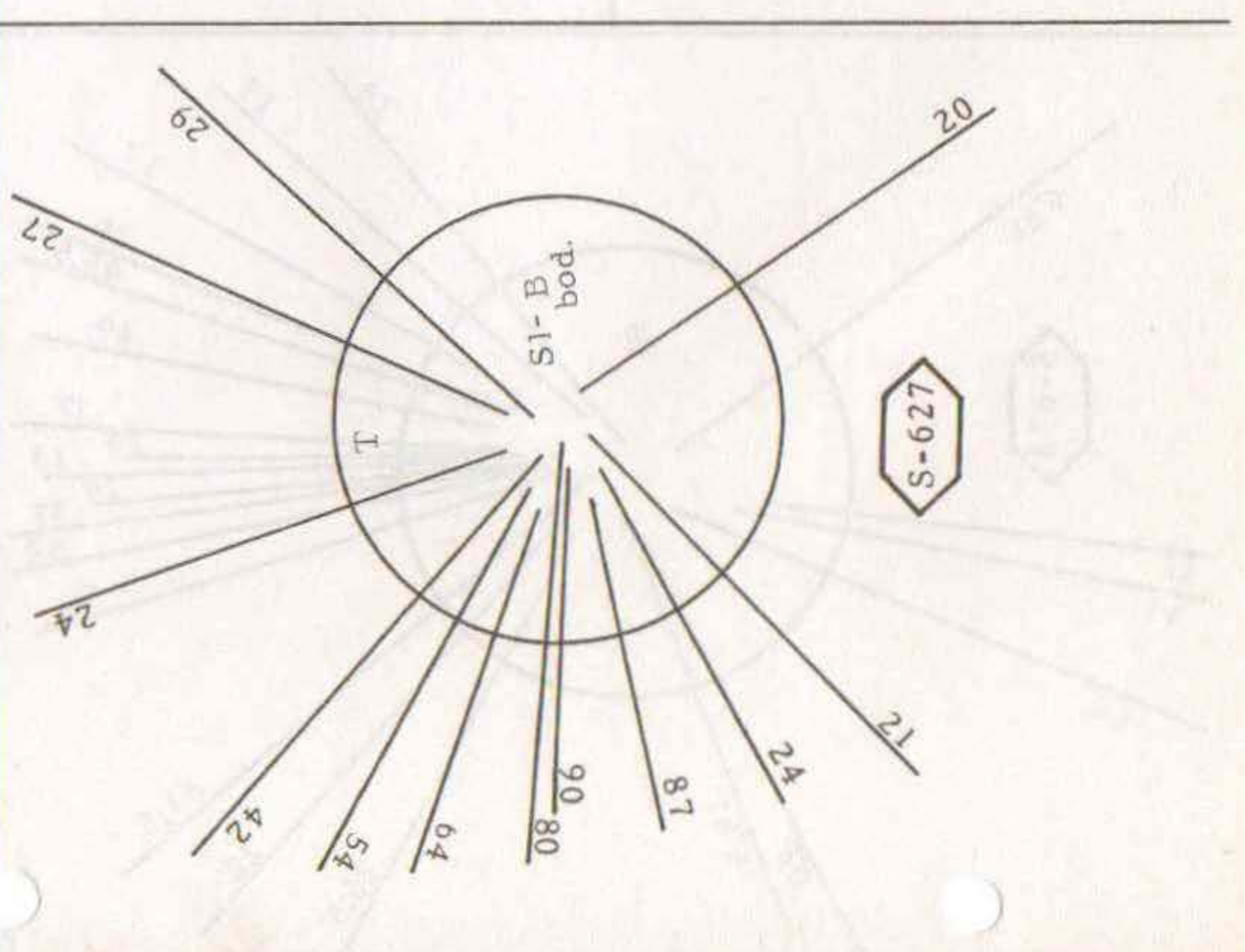
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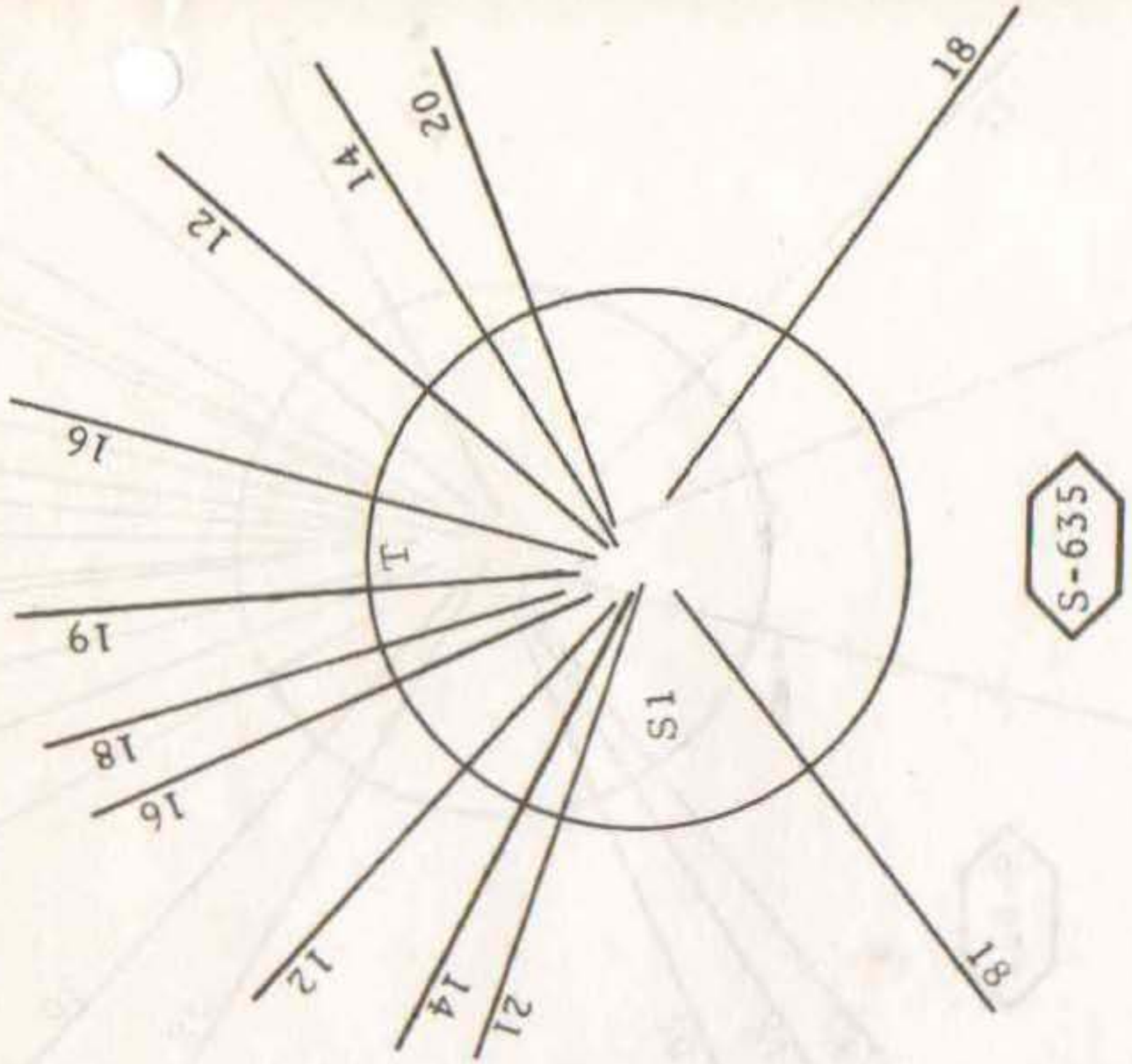
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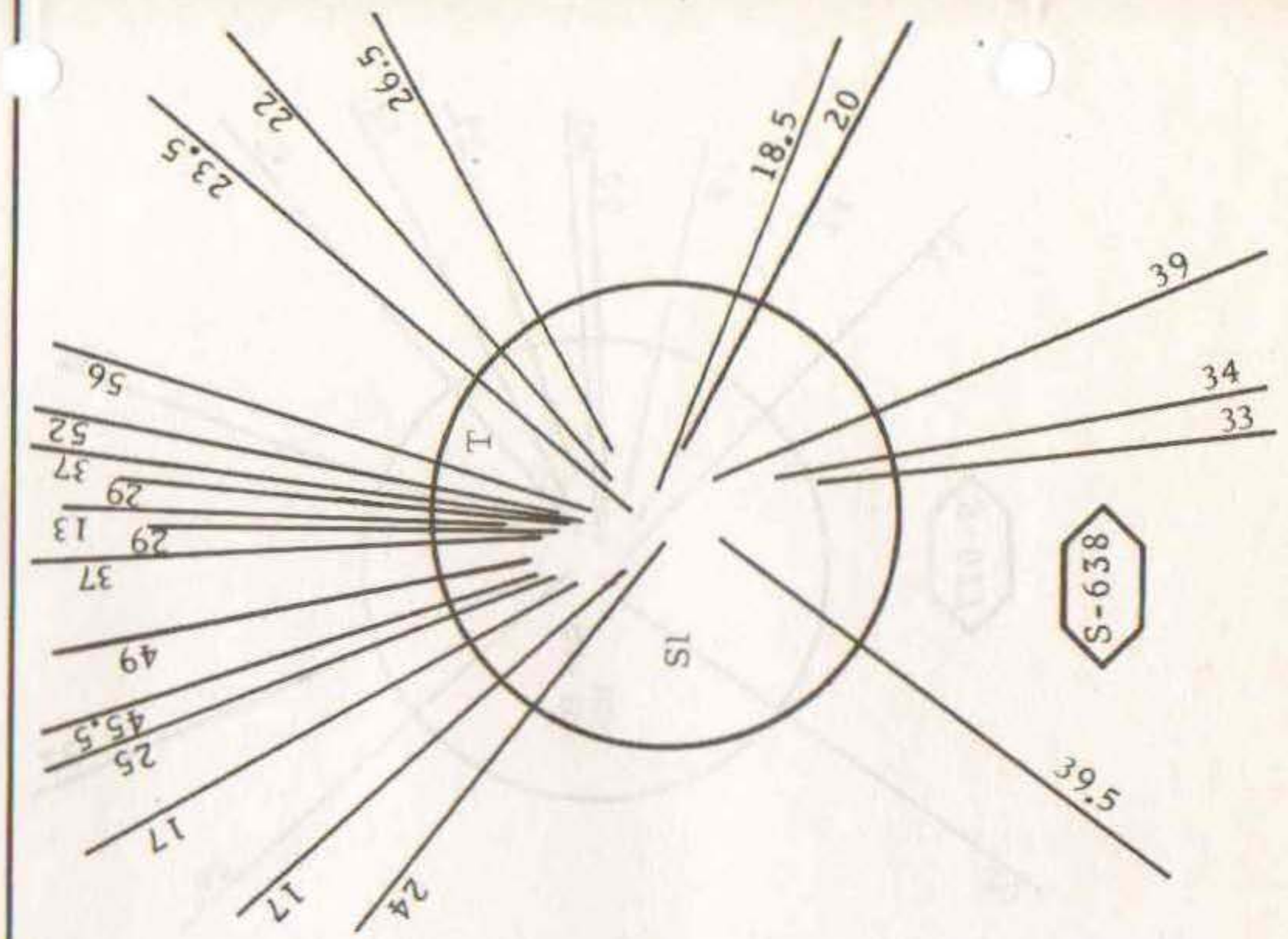
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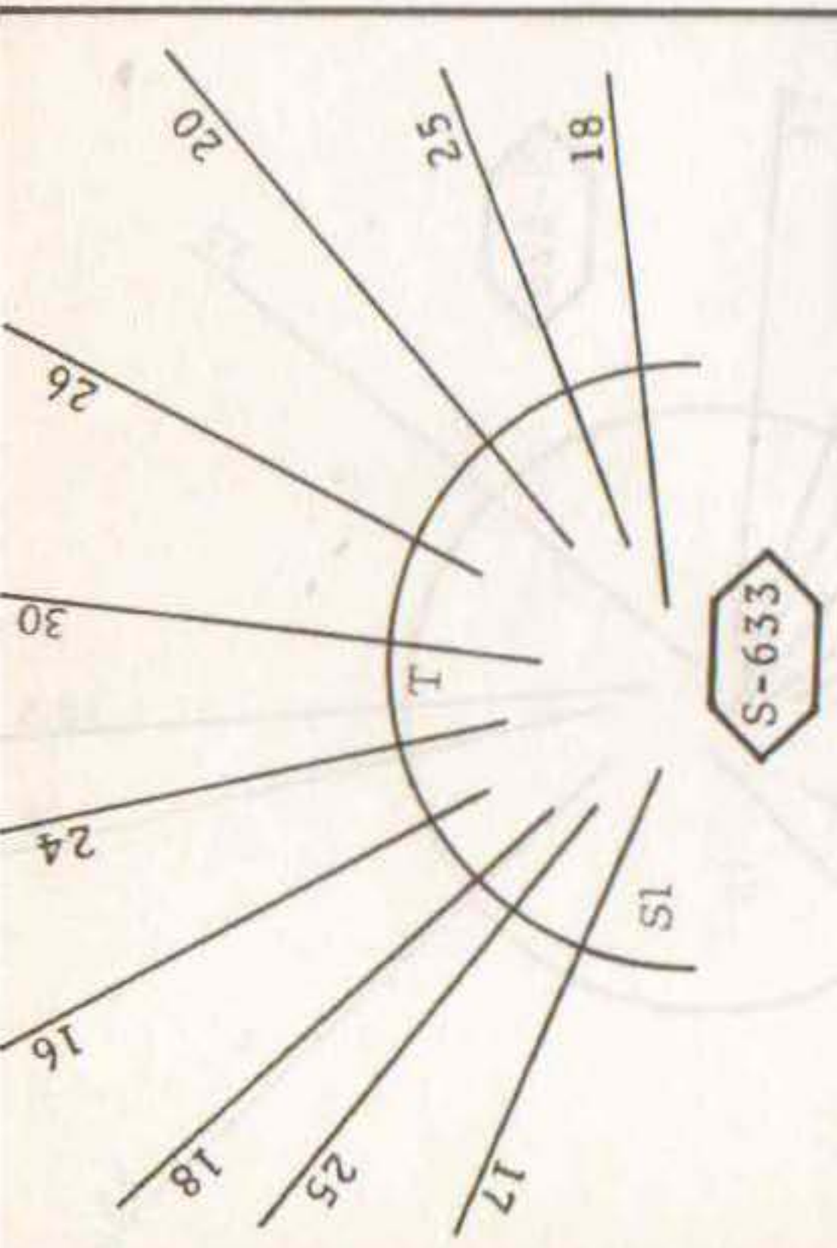
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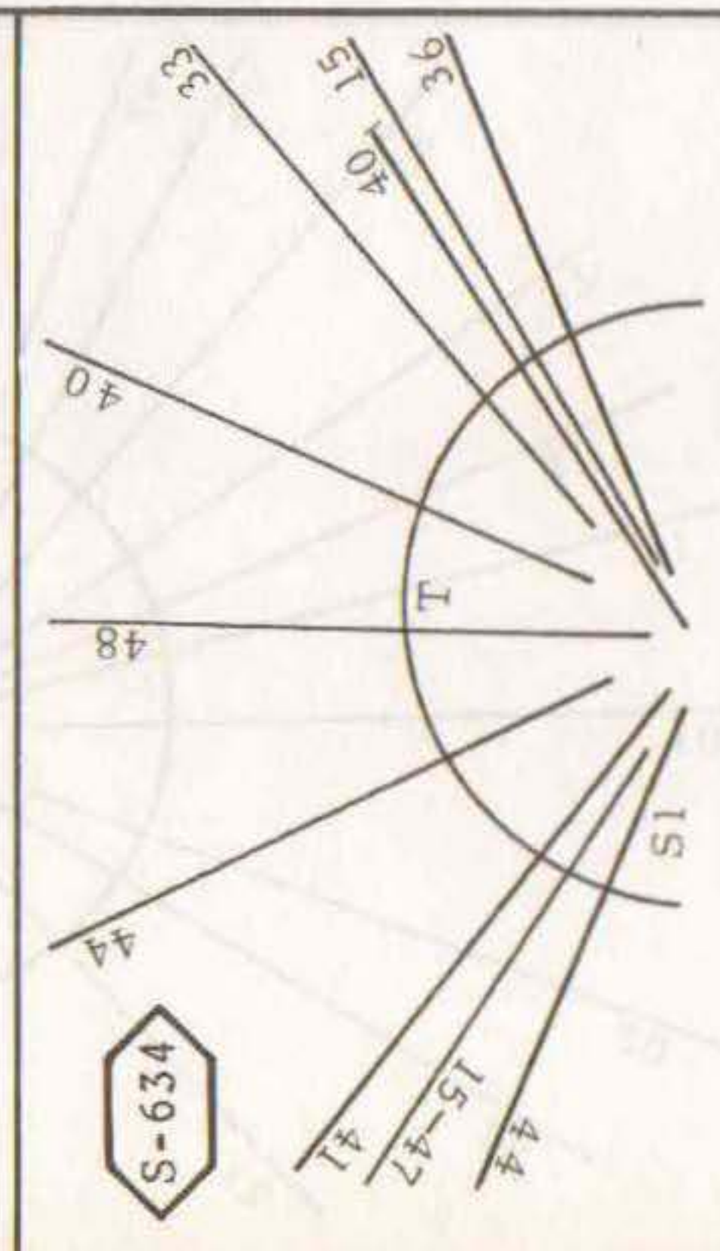
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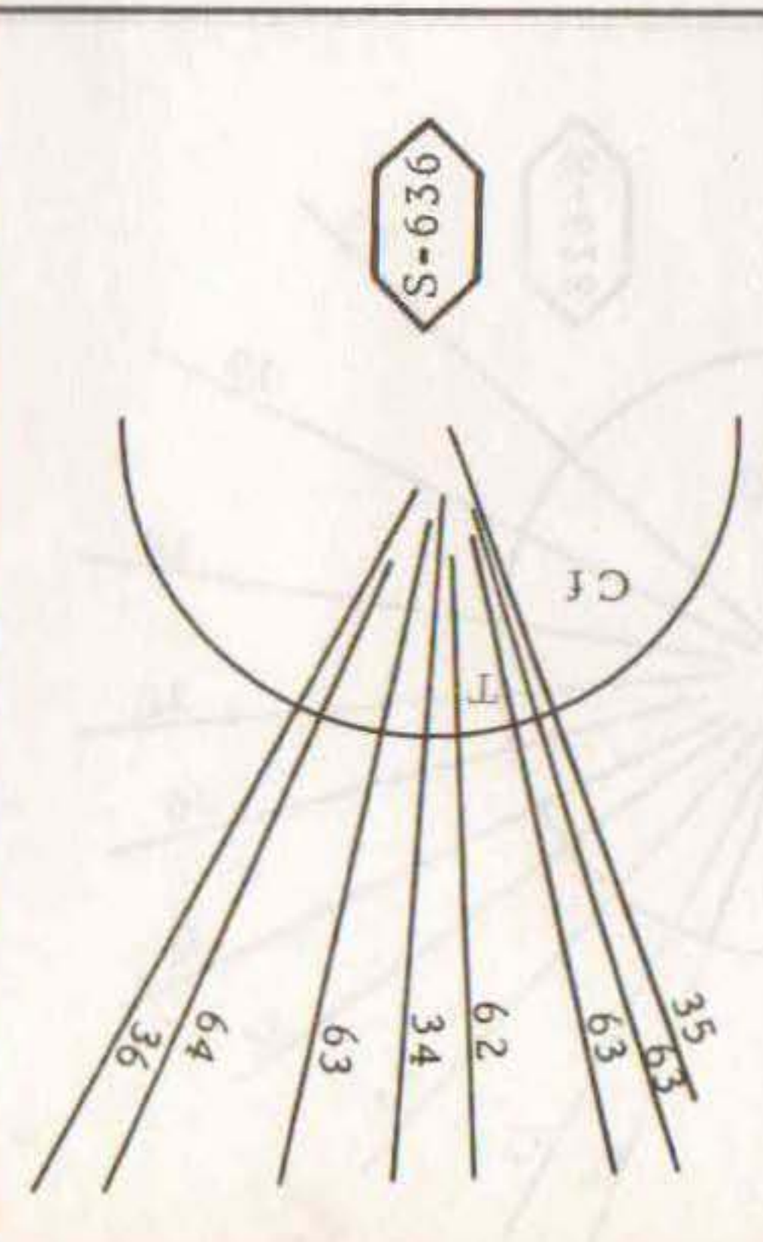
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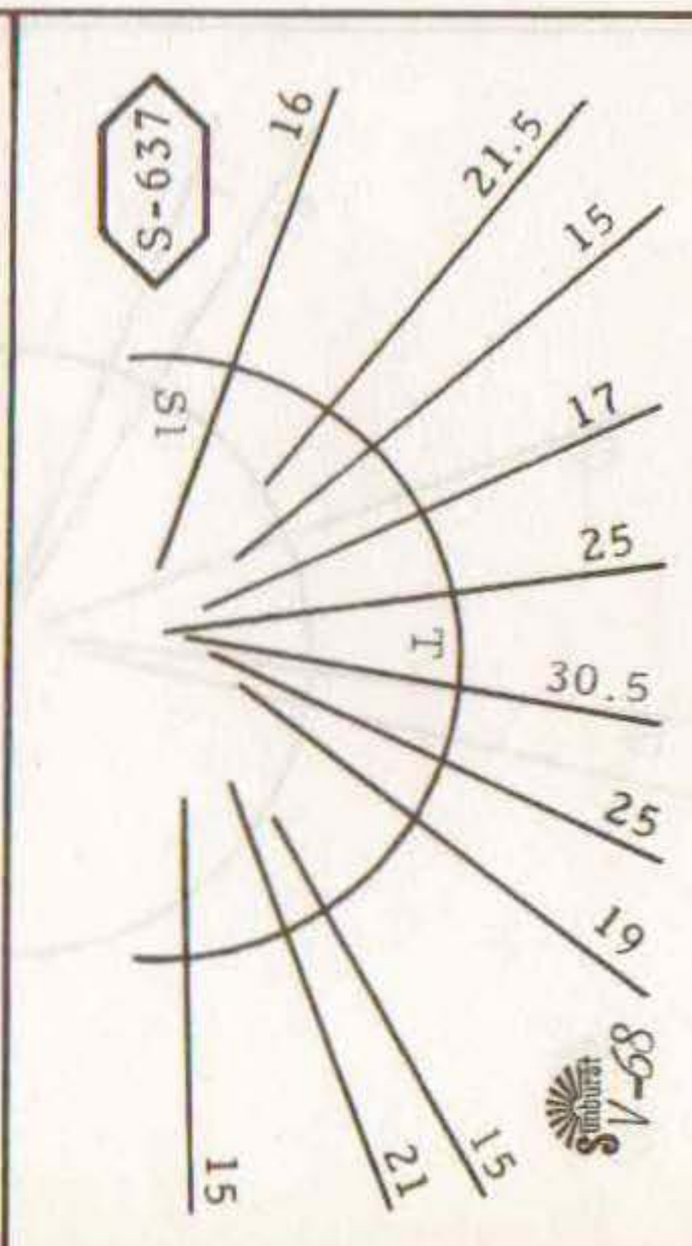
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S-617

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27.5
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S-618

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S-619

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S-620

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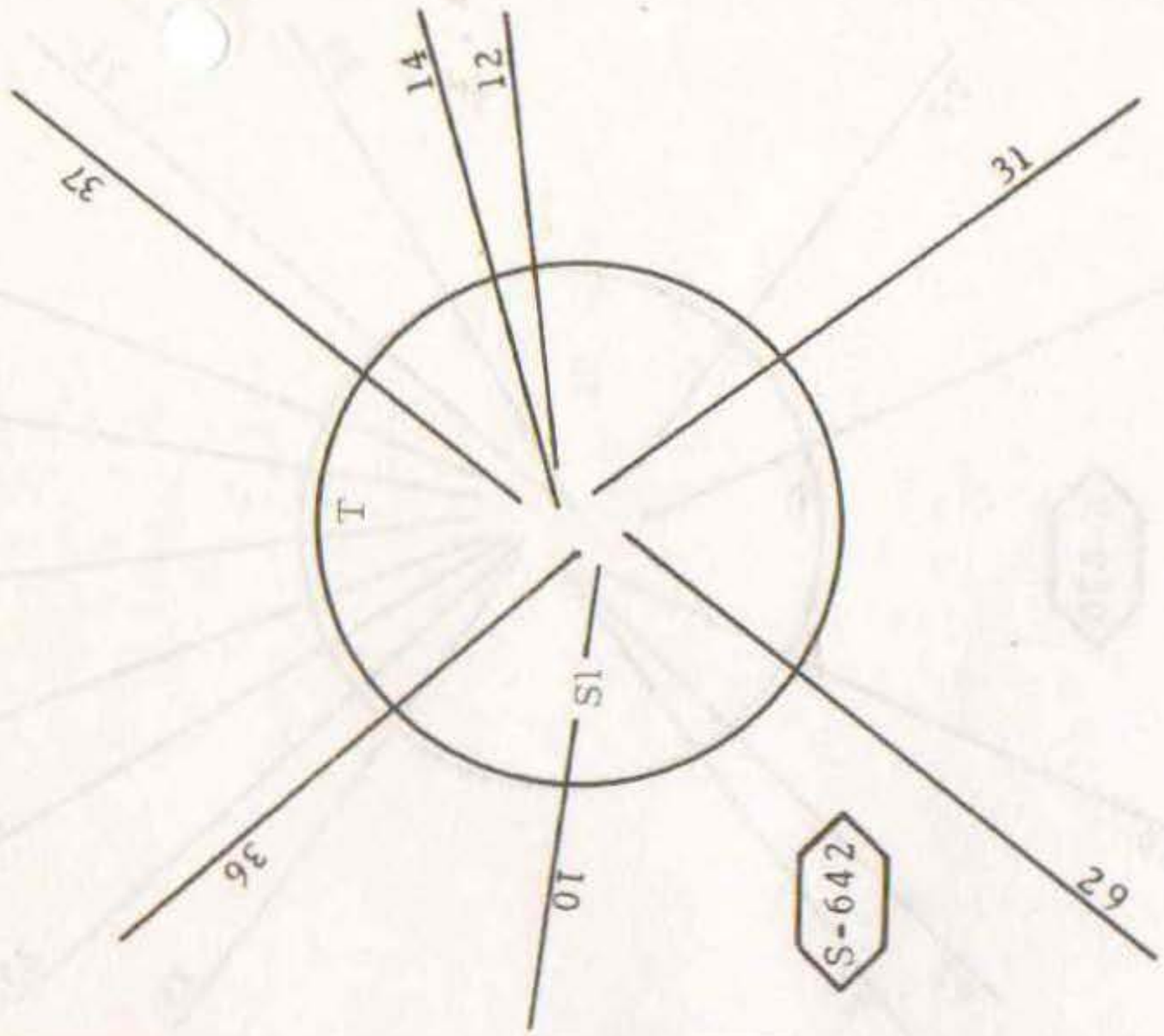
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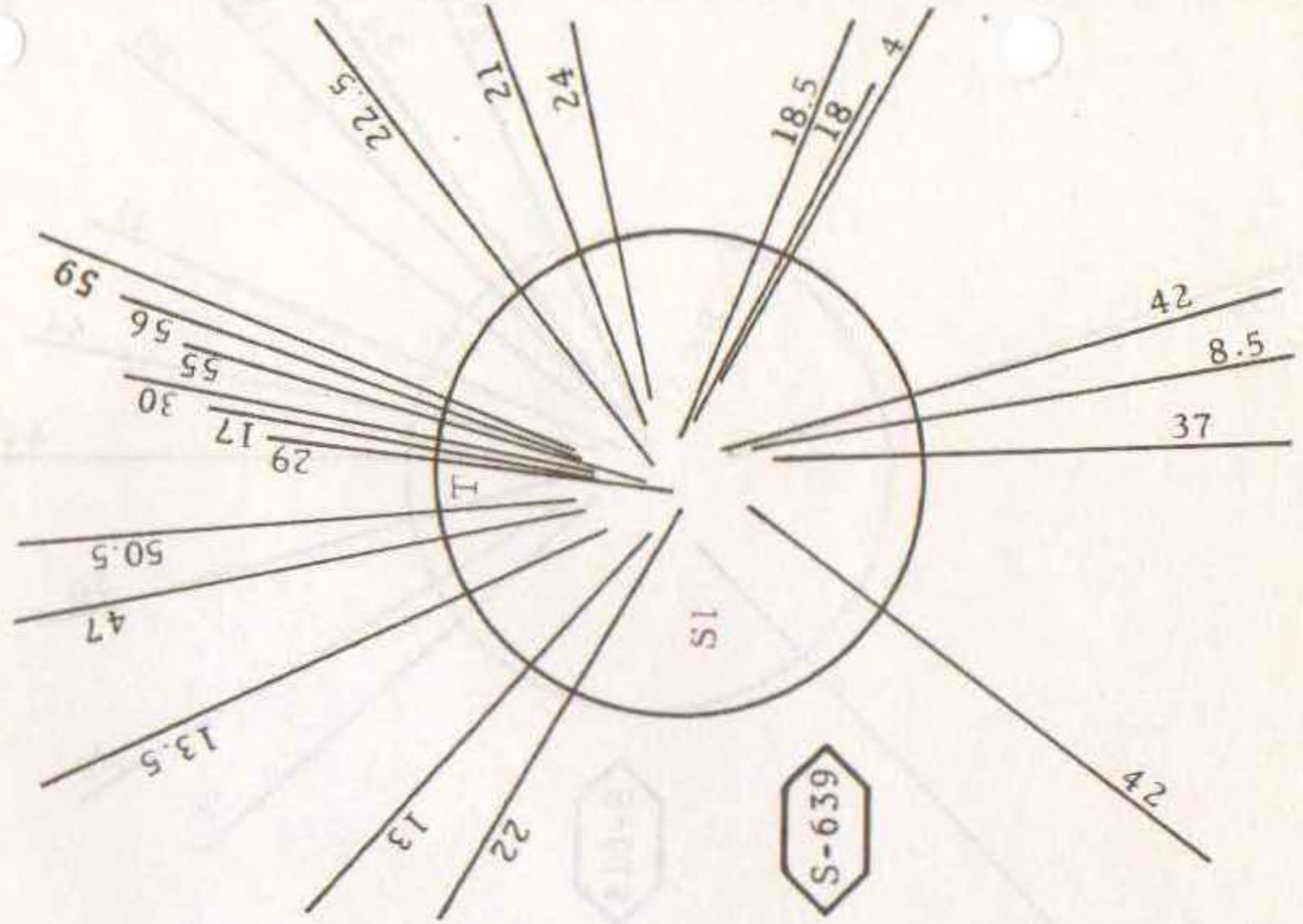
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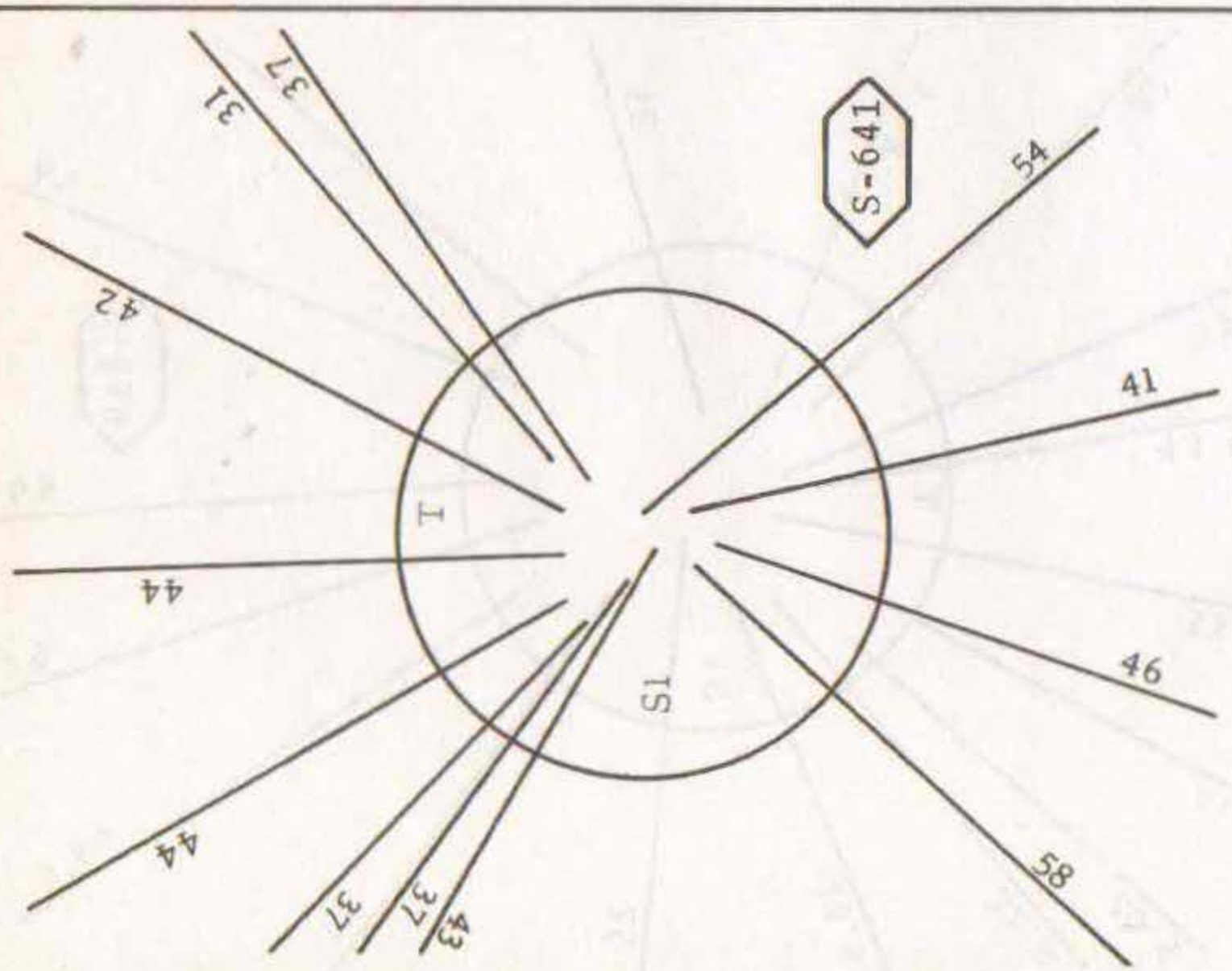
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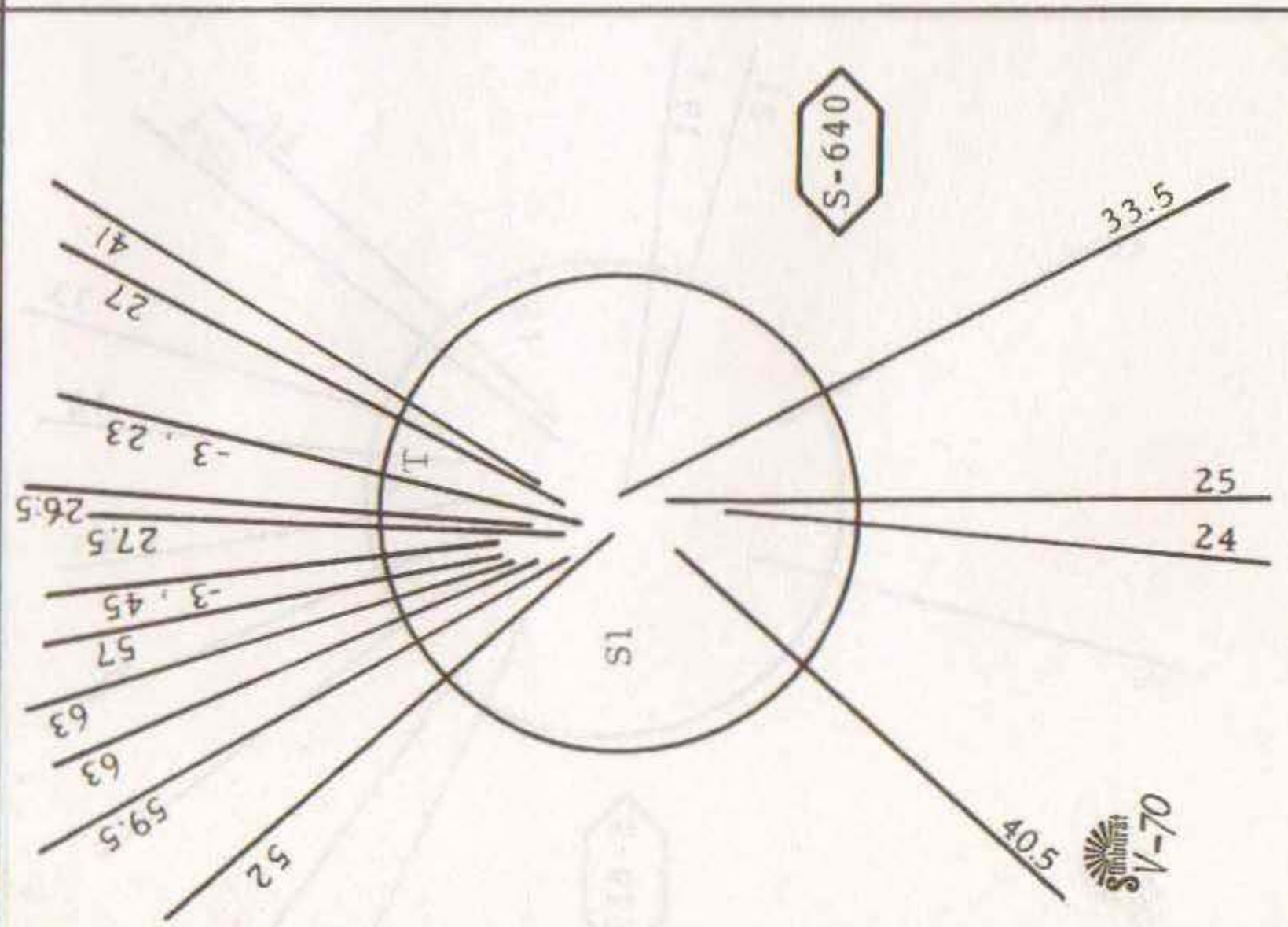
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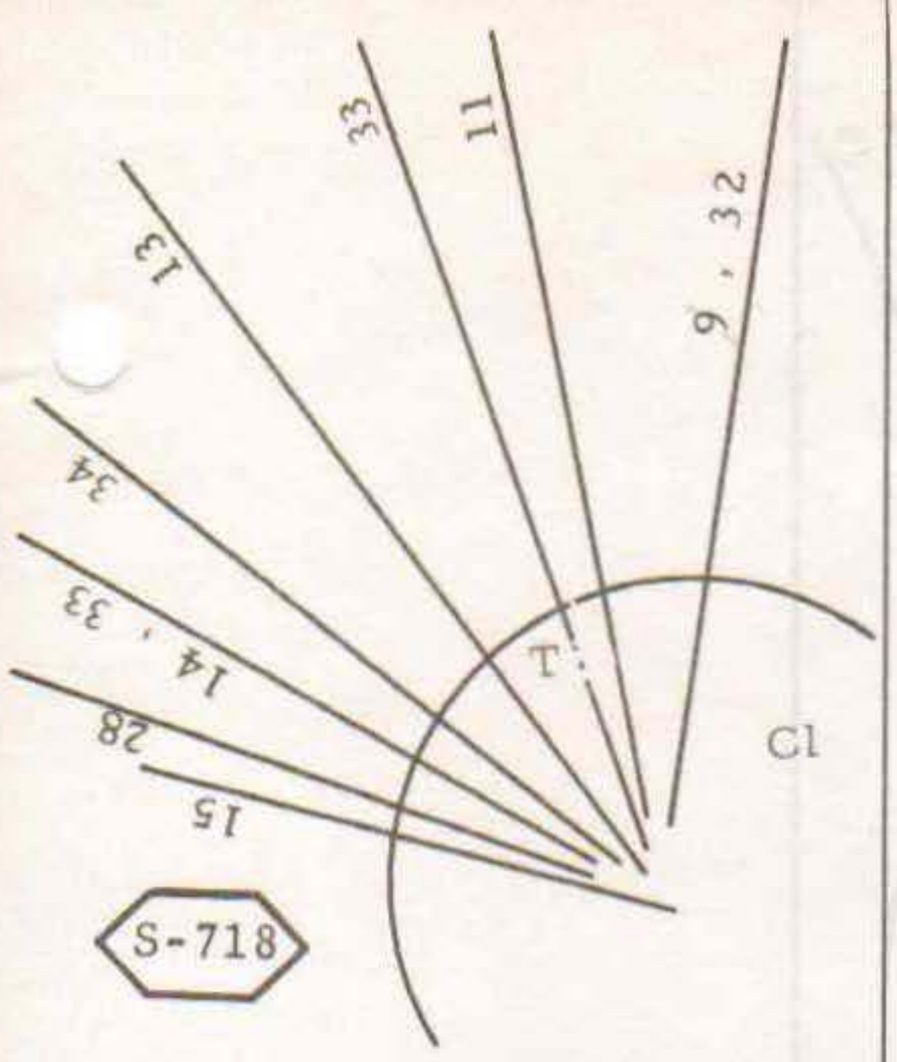
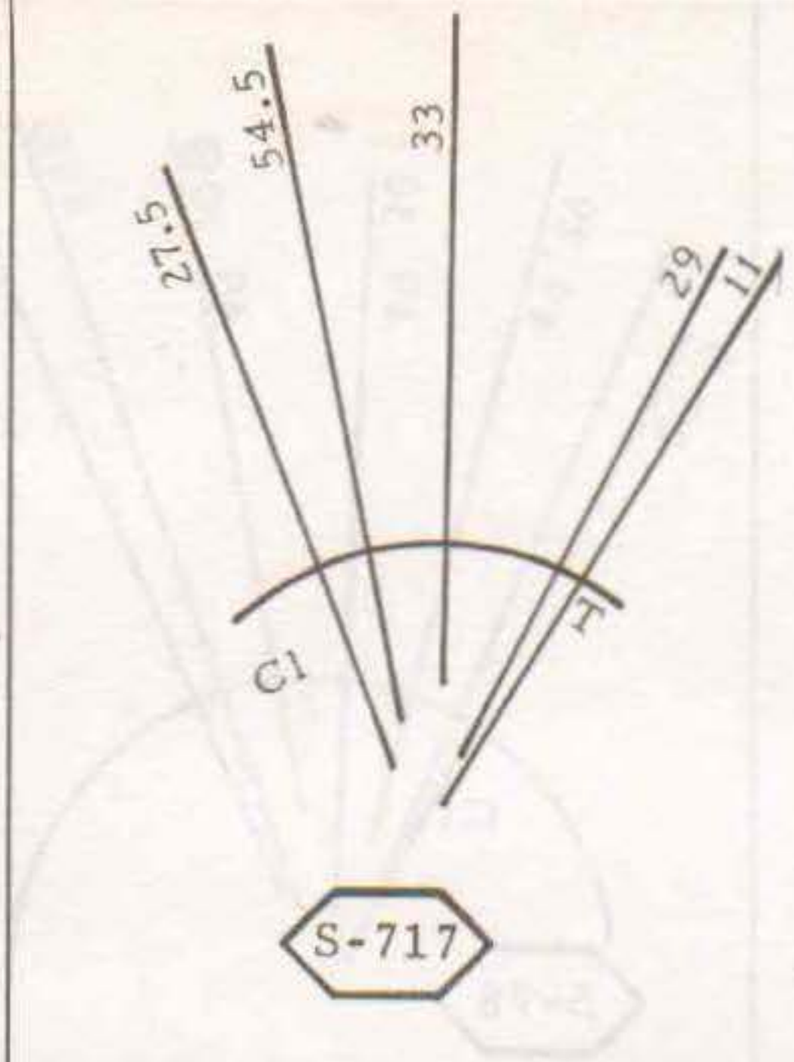
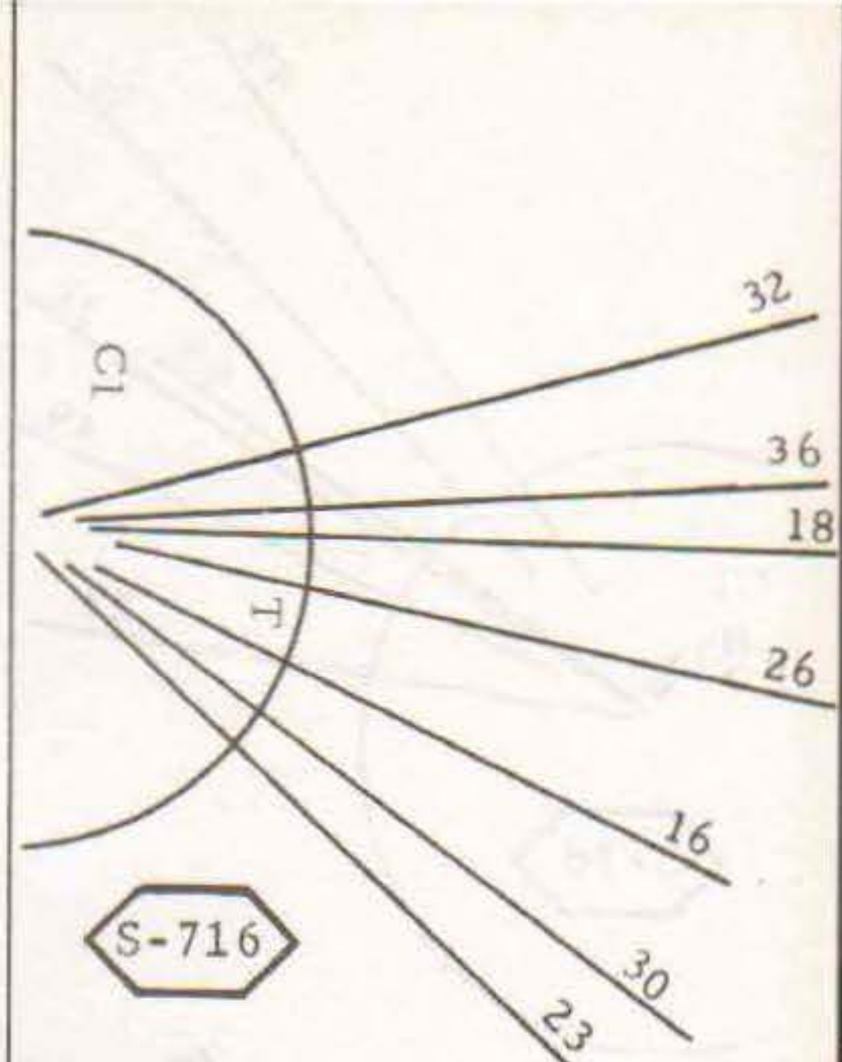


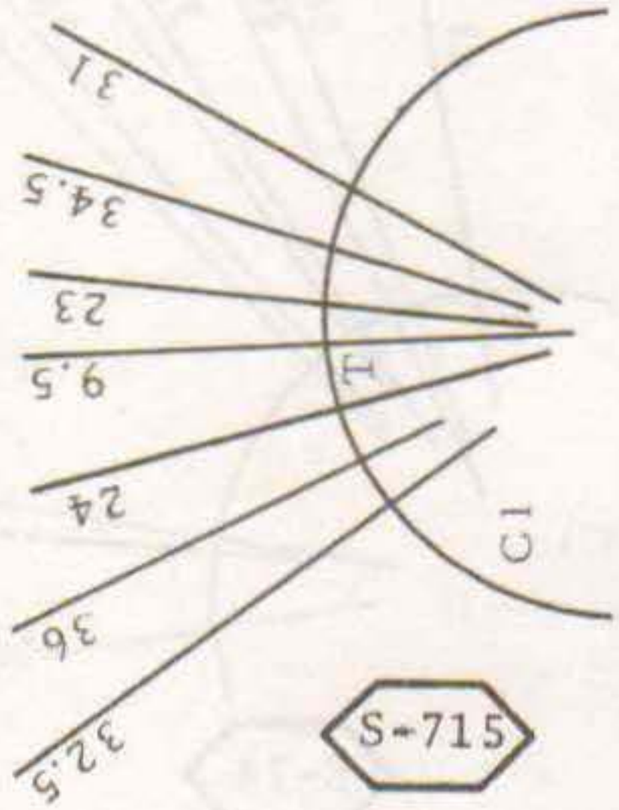

S-718



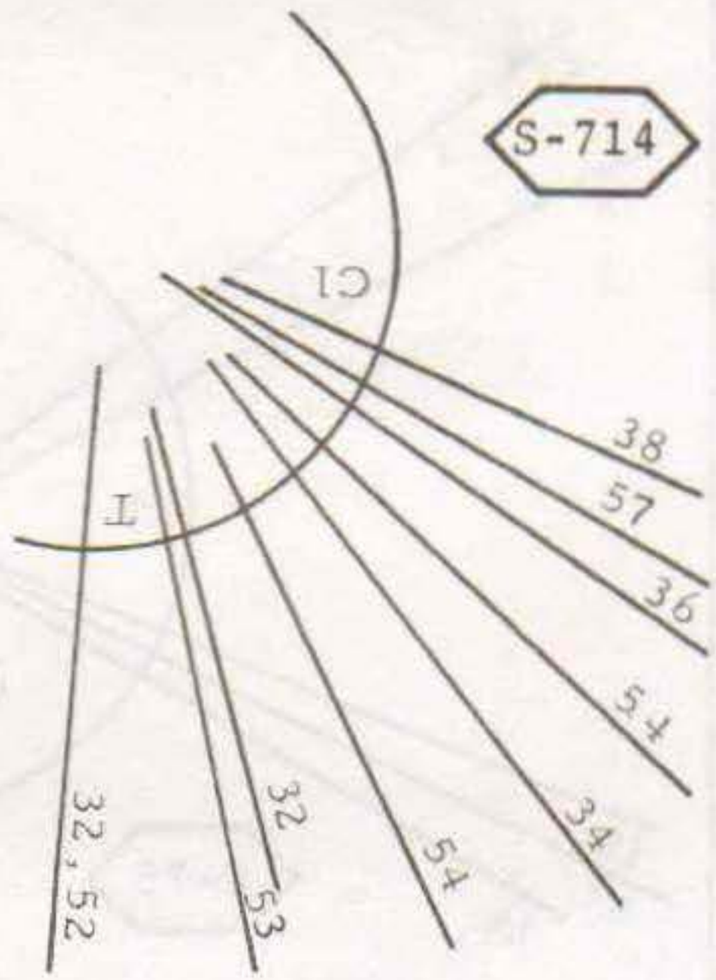

S-717

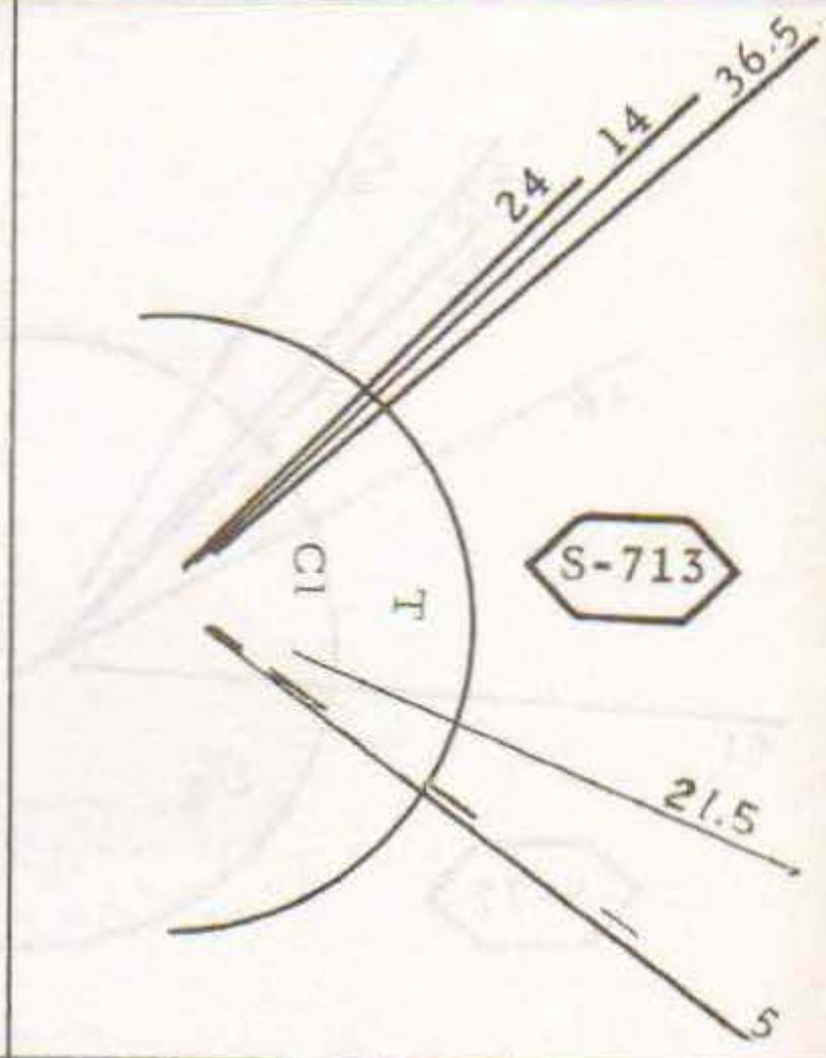


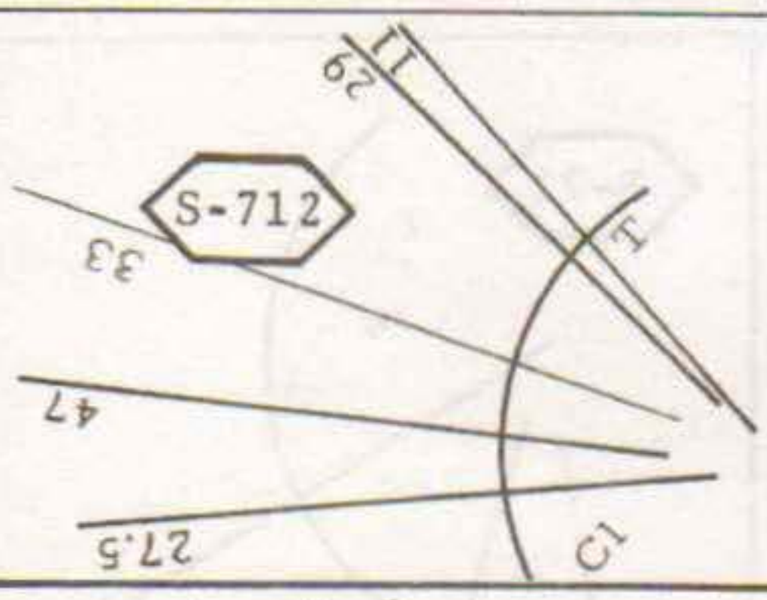

S-716

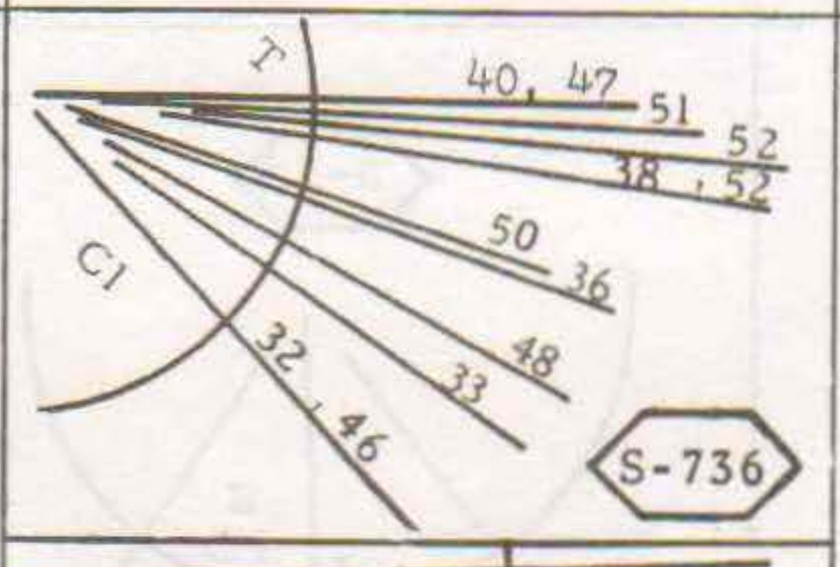


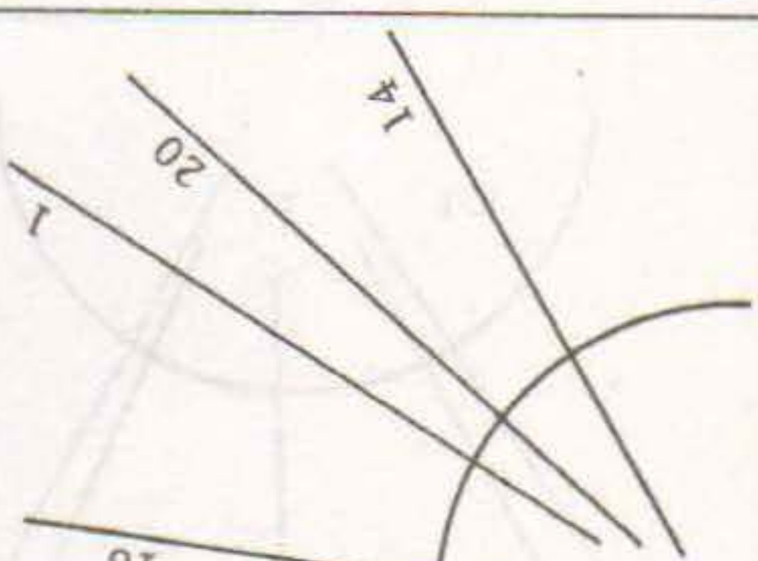

S-715

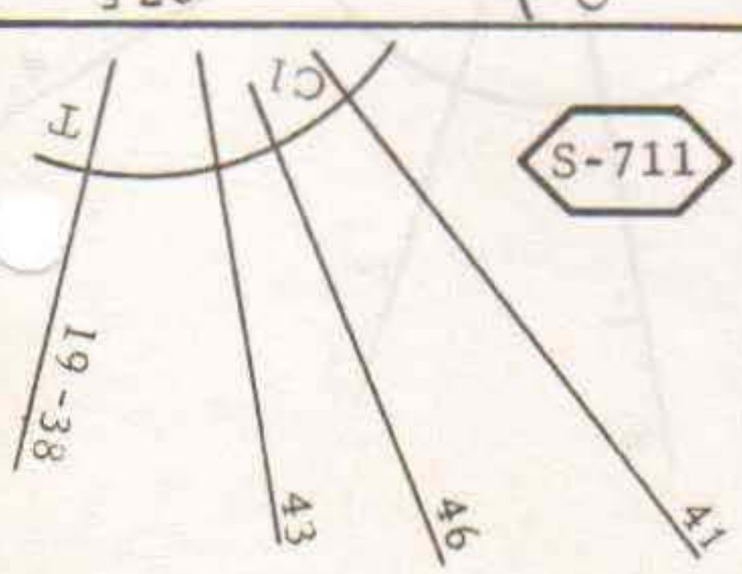


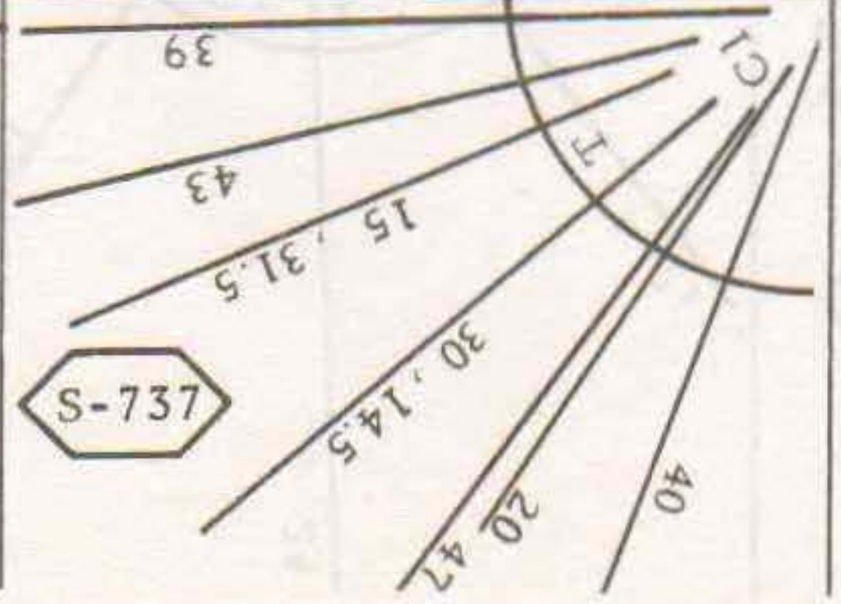



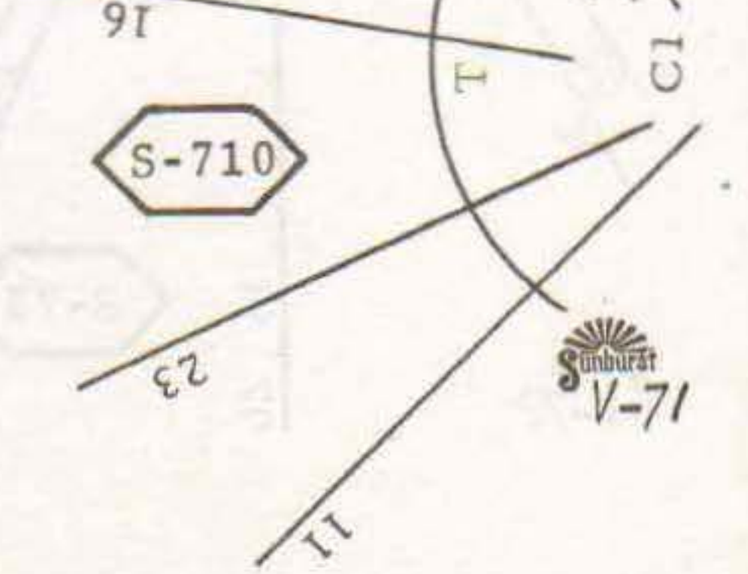



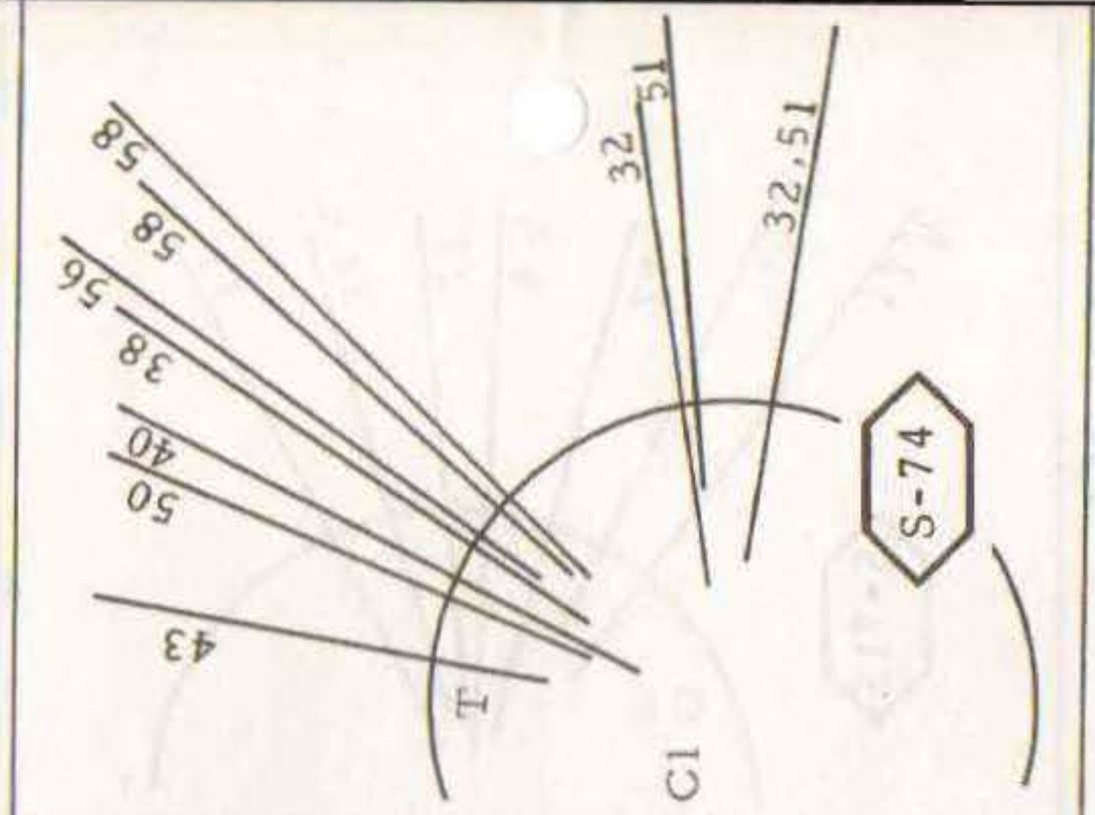

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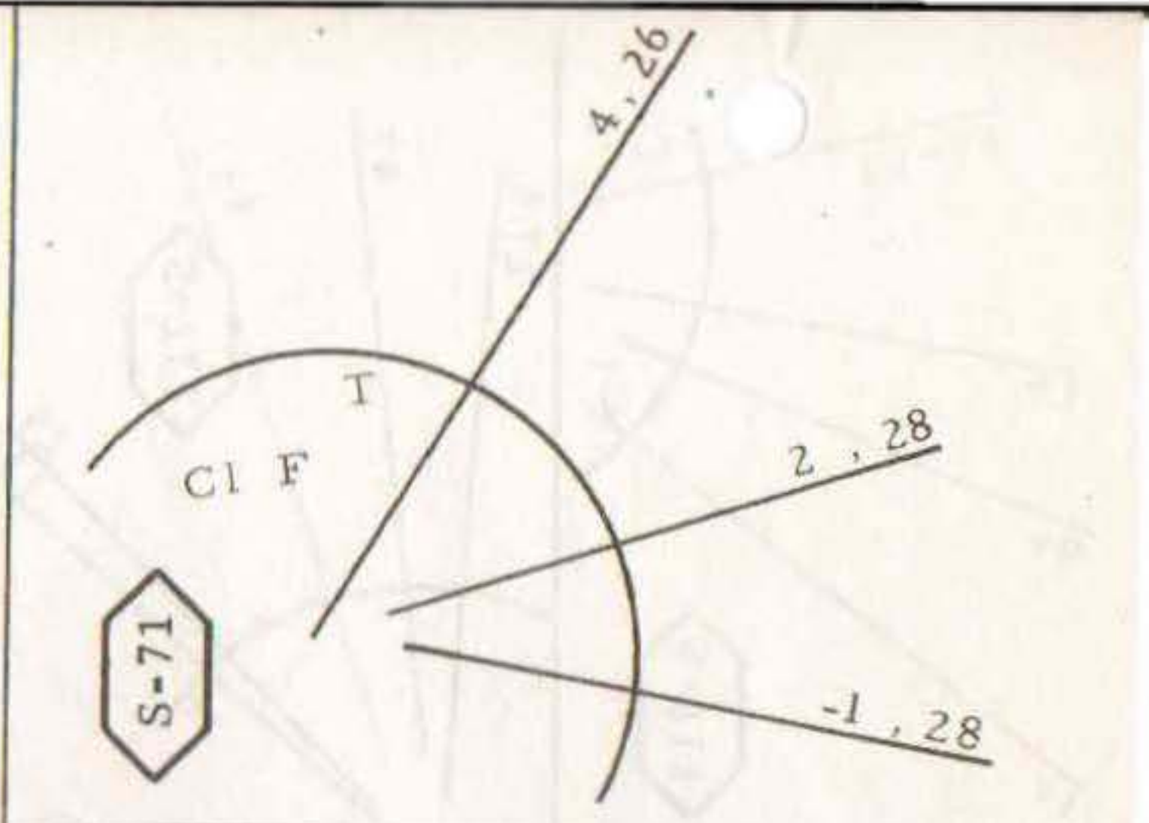
S-71
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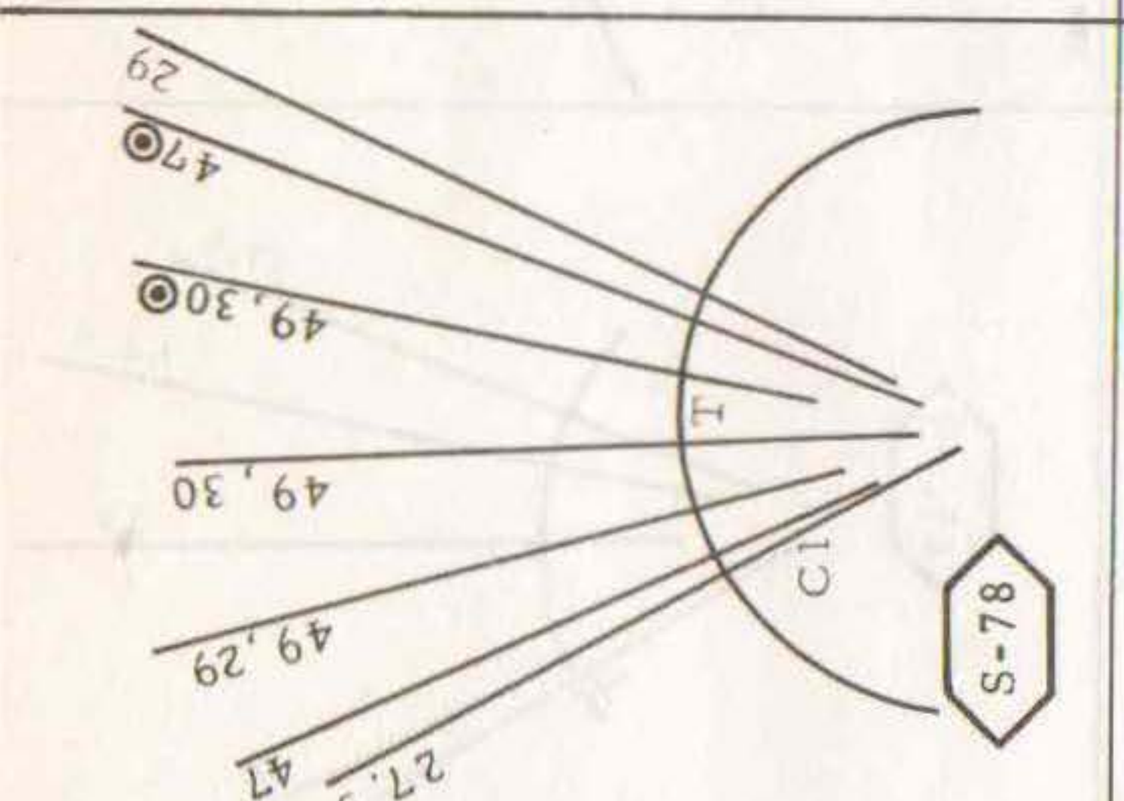
2,28
-1,28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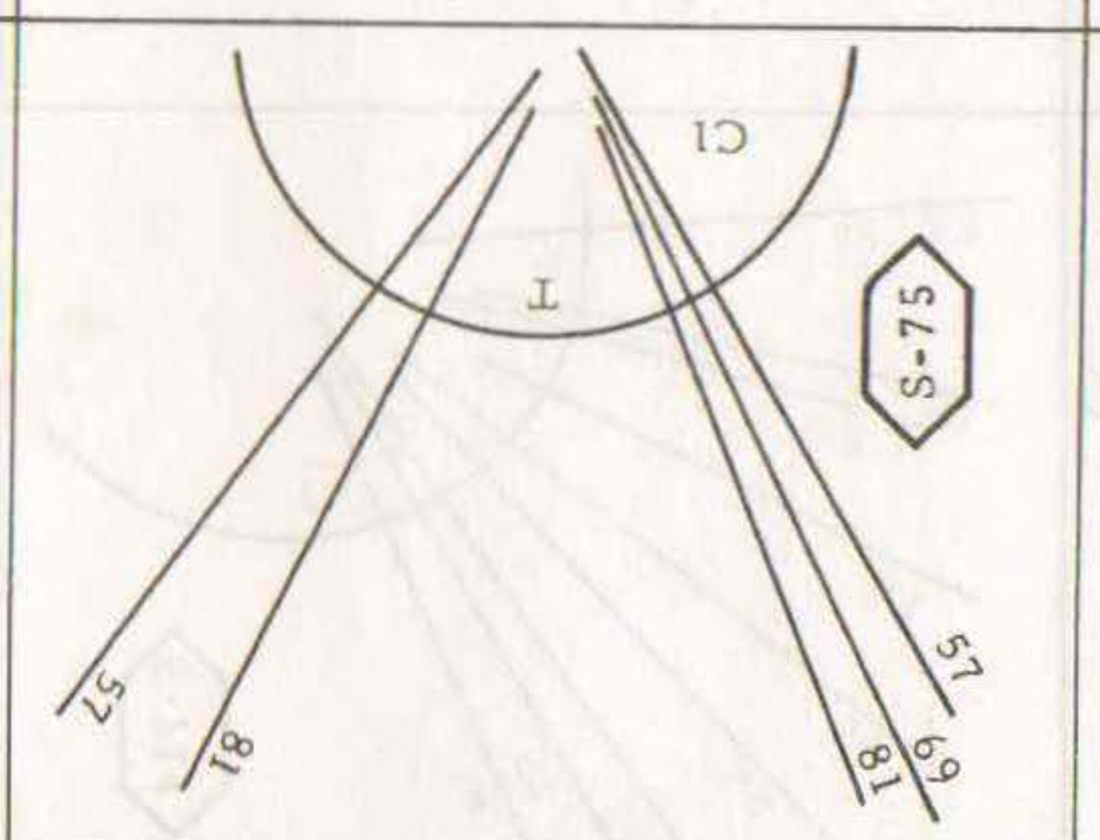
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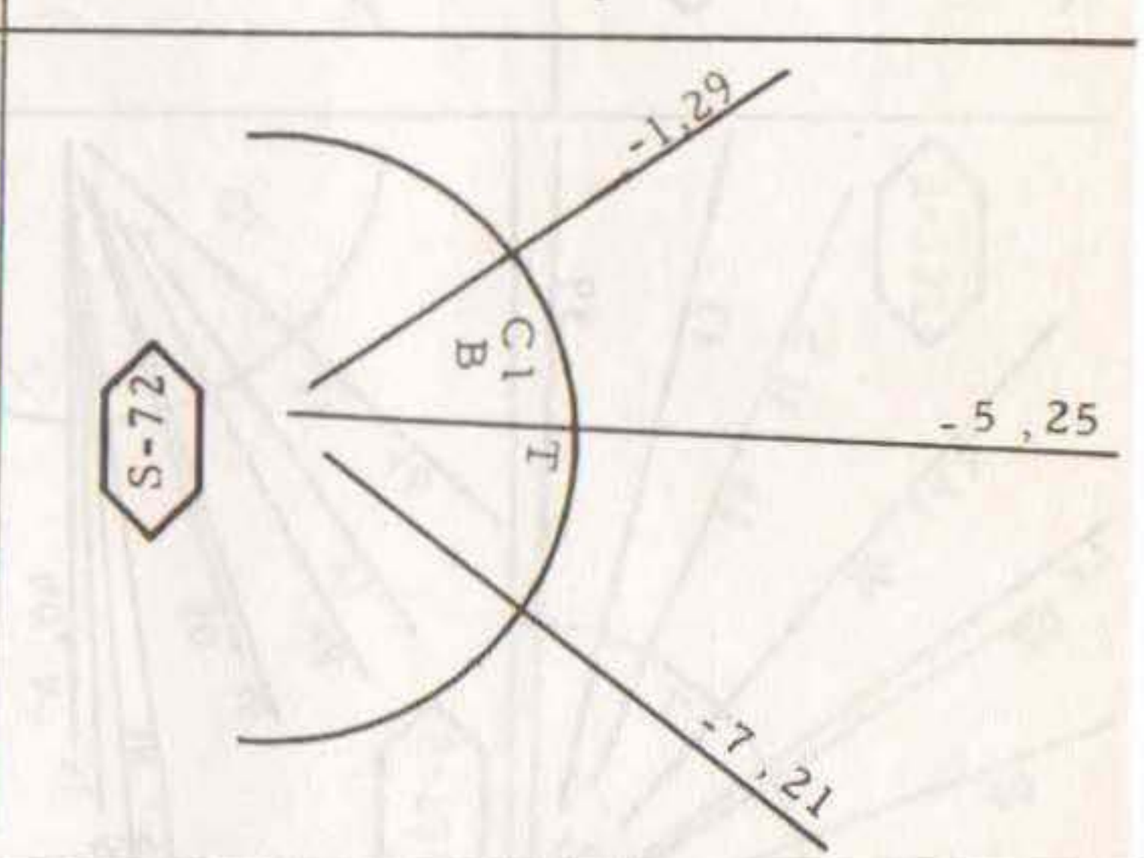
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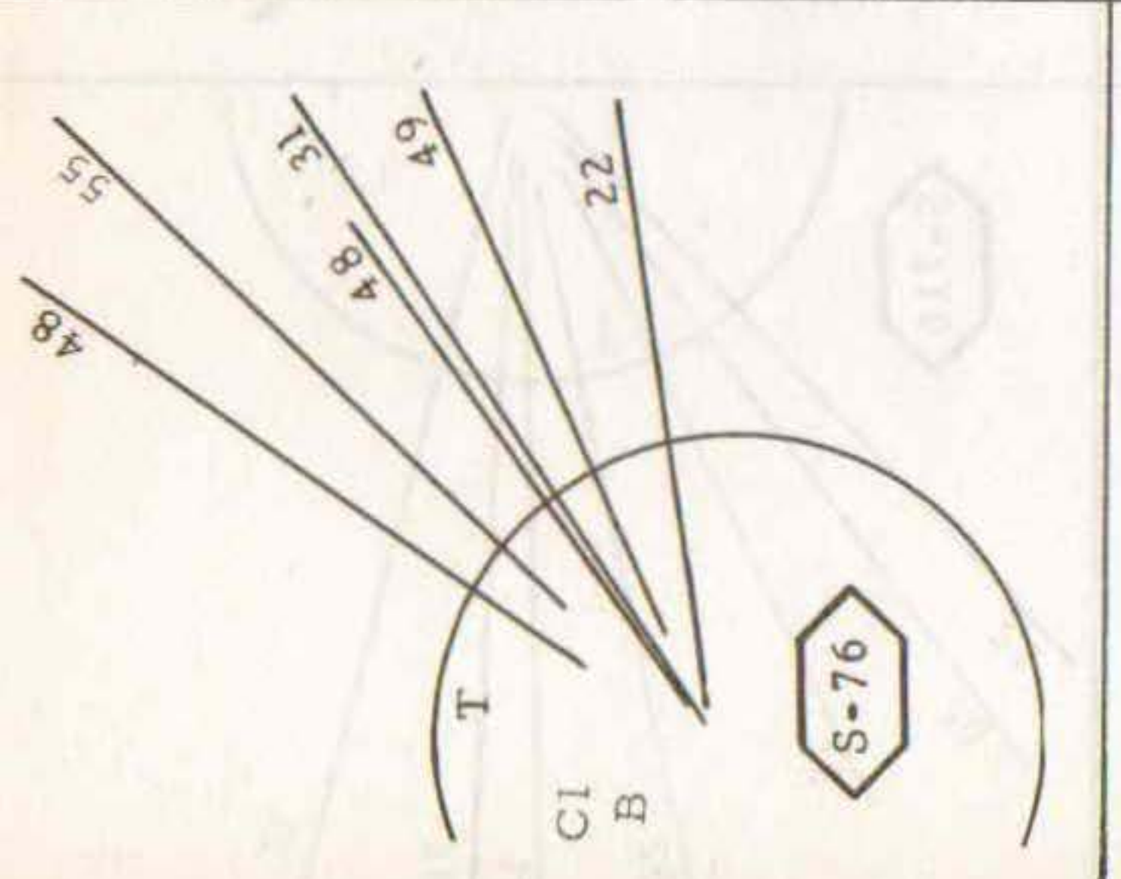
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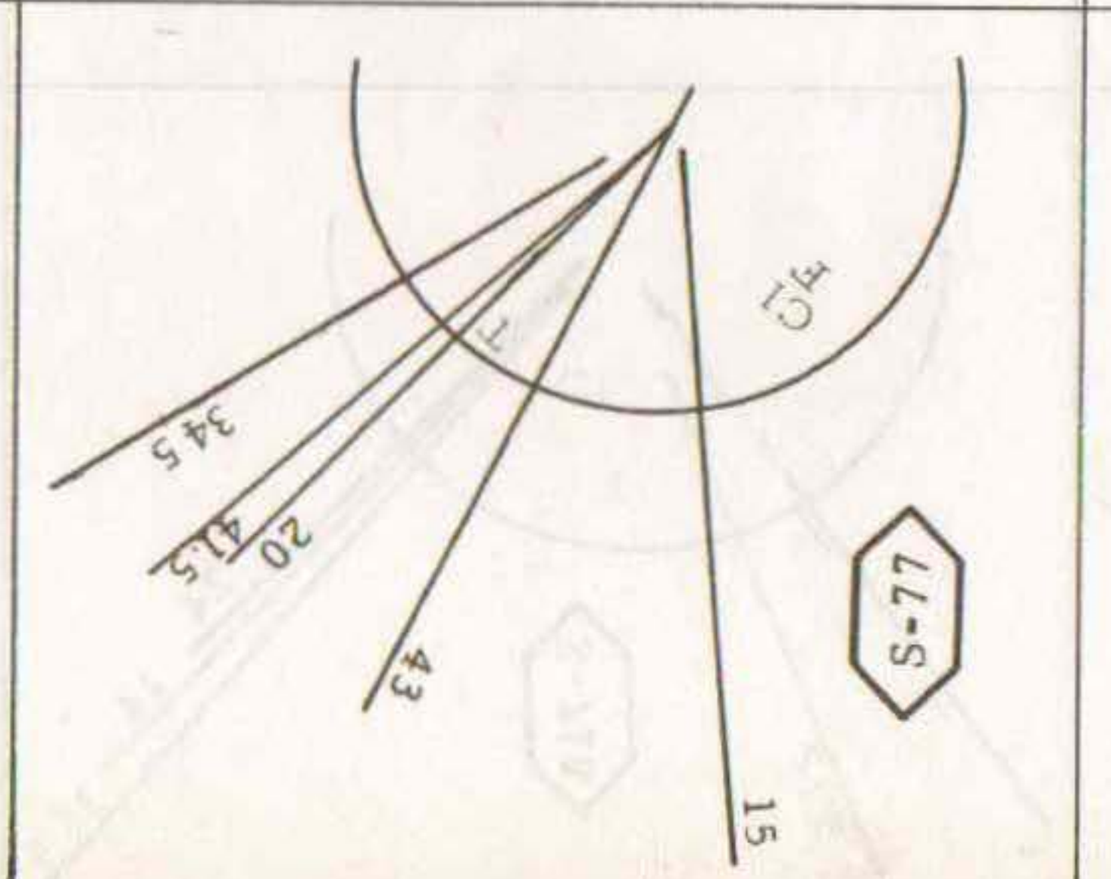
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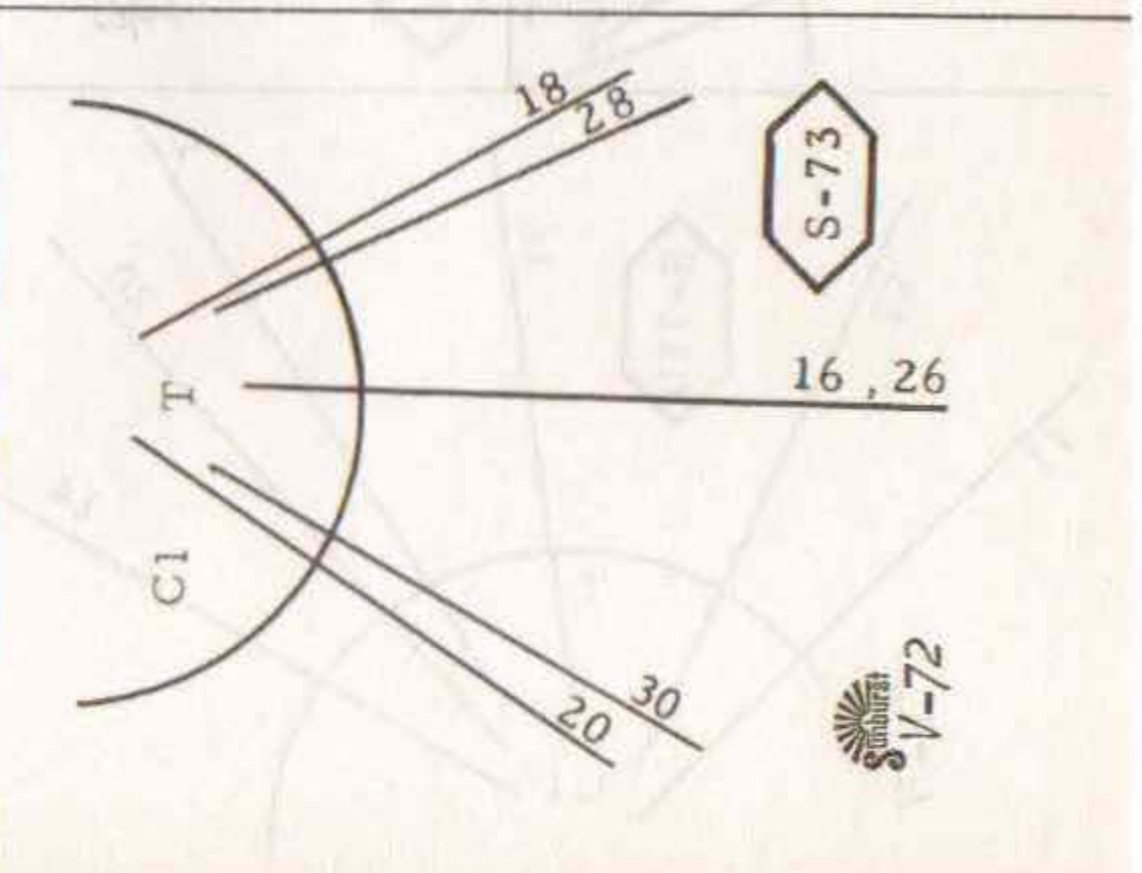
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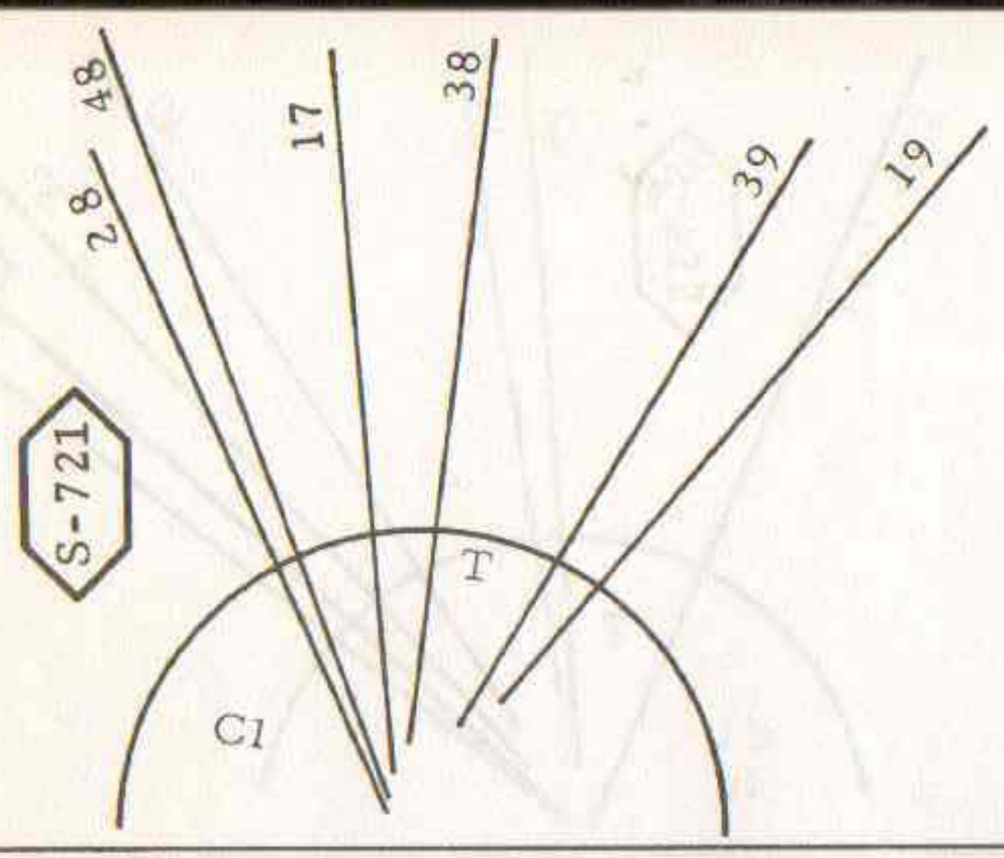
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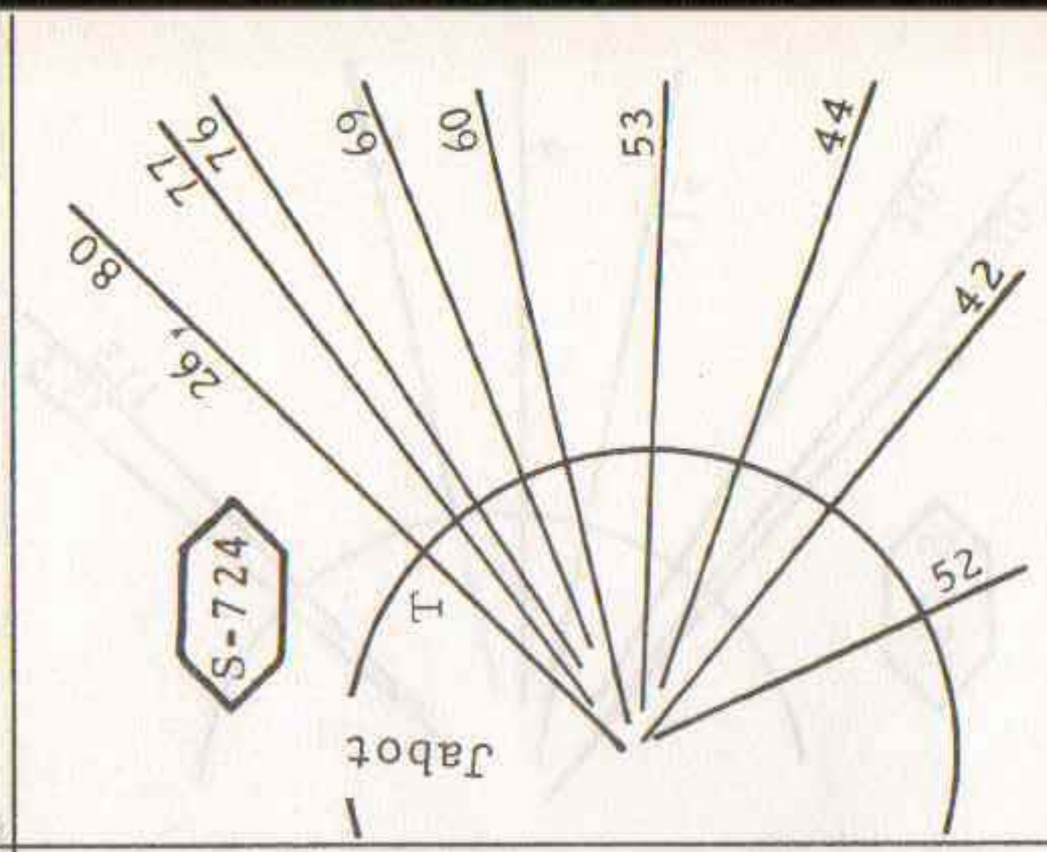
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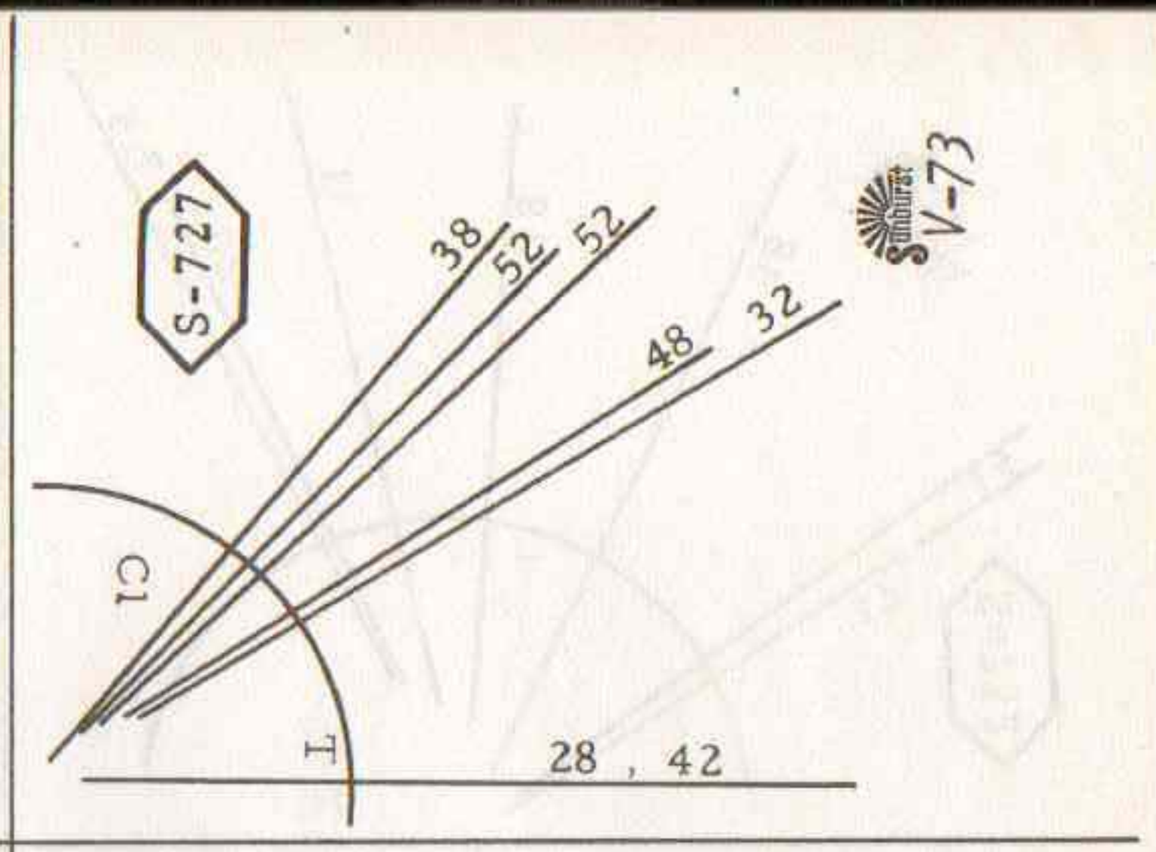
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32
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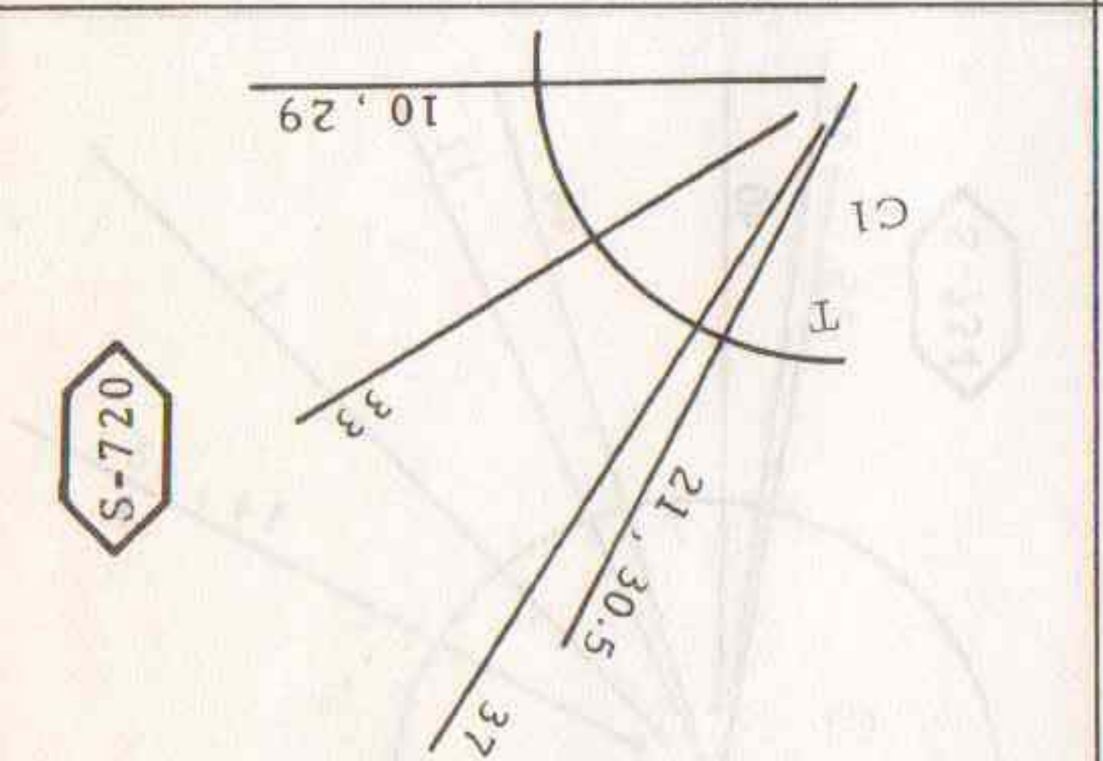
1-73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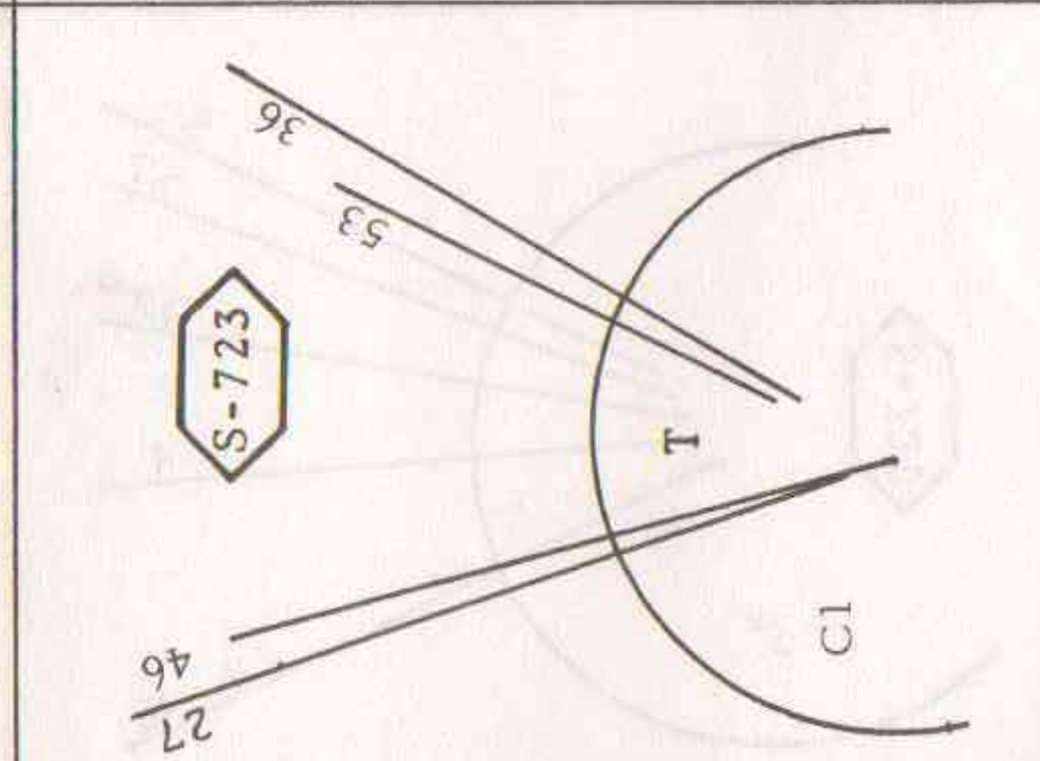
T
Cl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T
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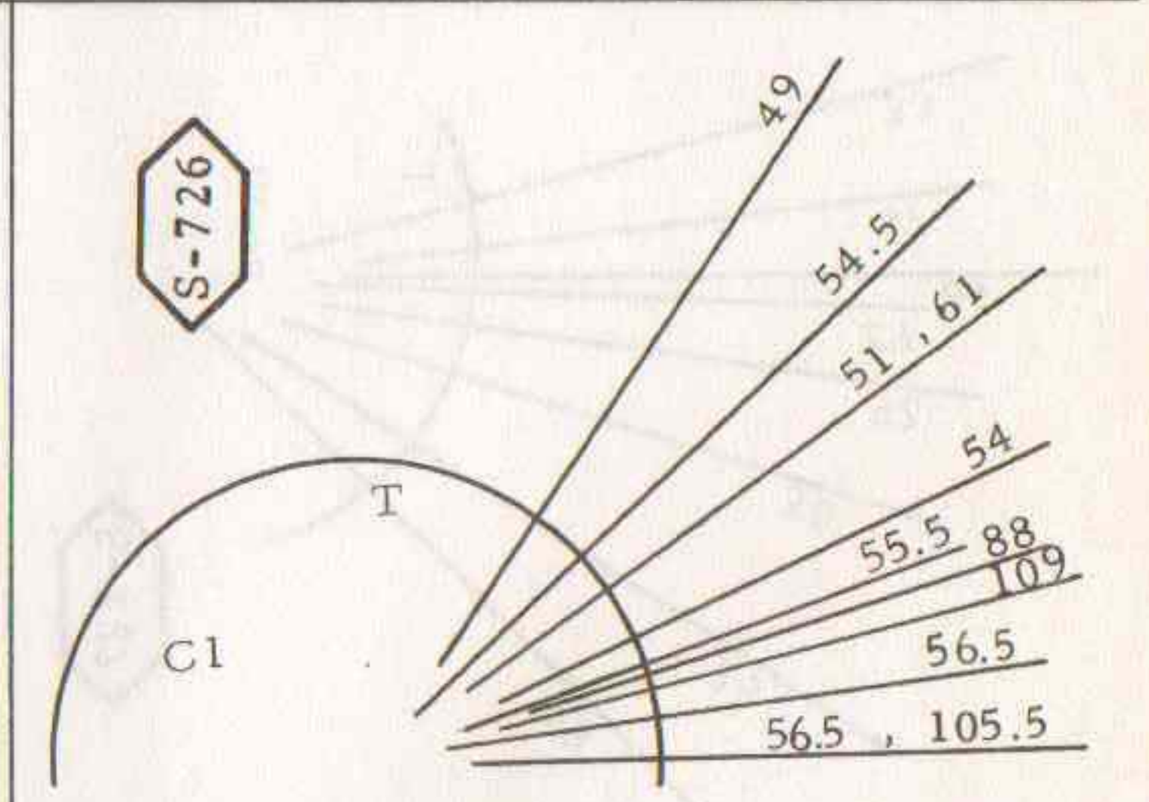
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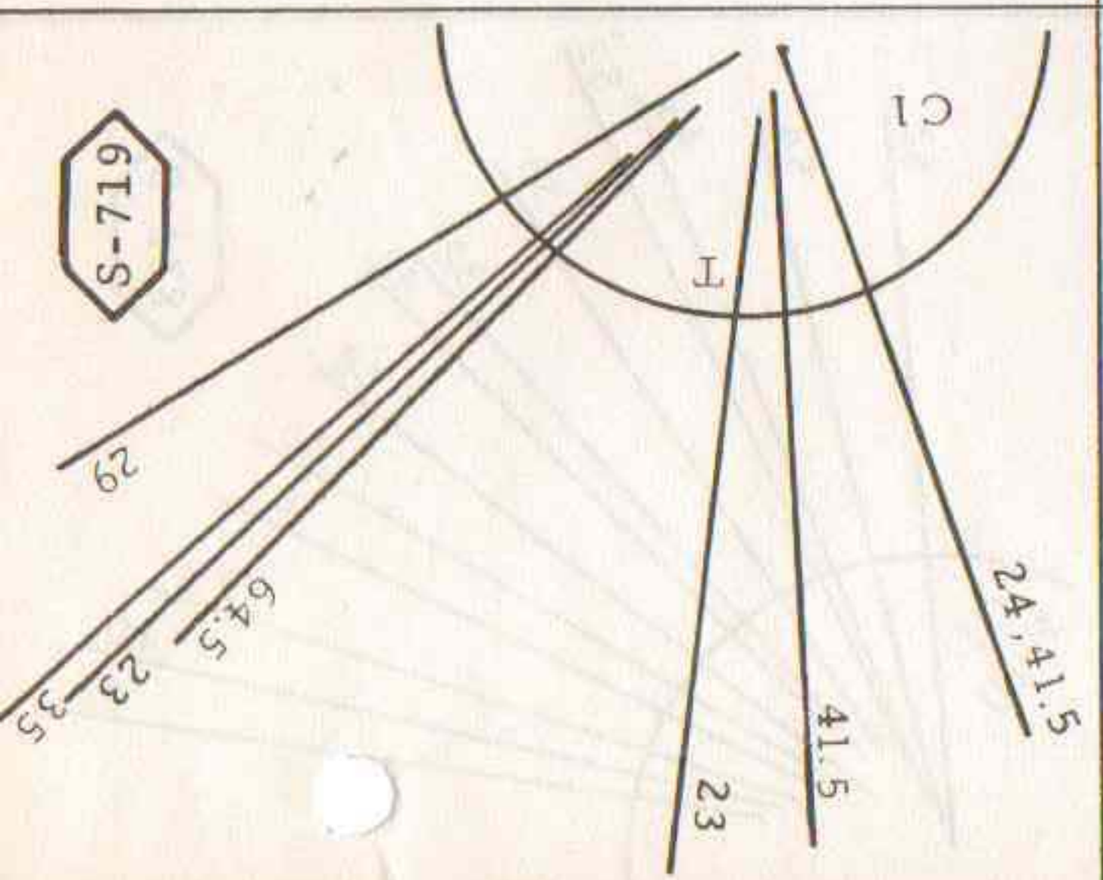
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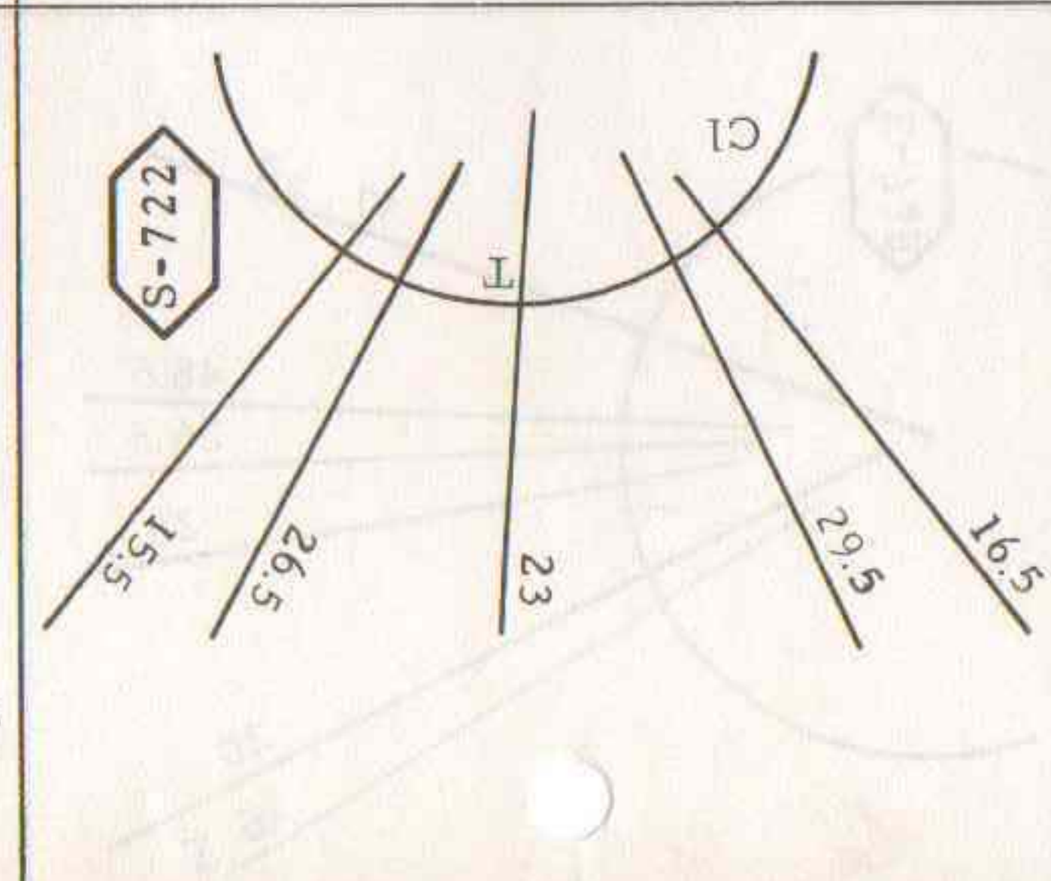
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16.5
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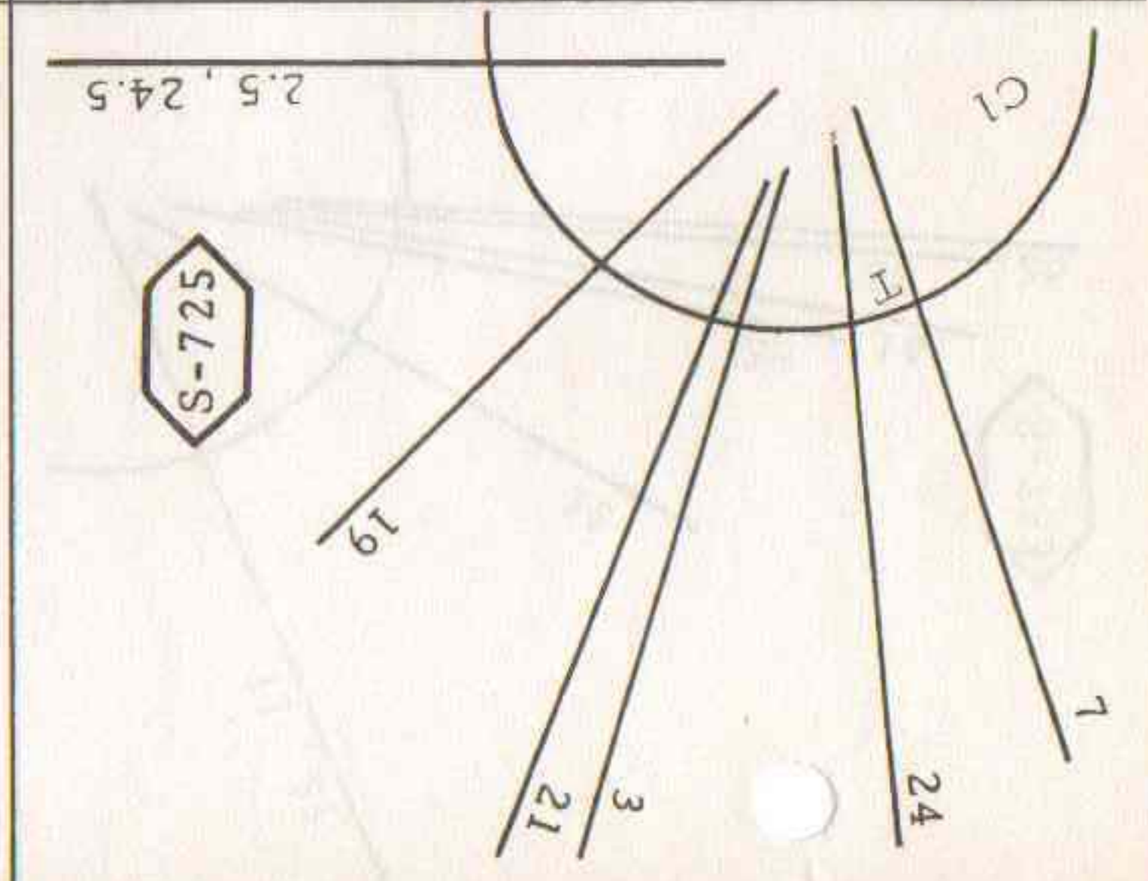
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7
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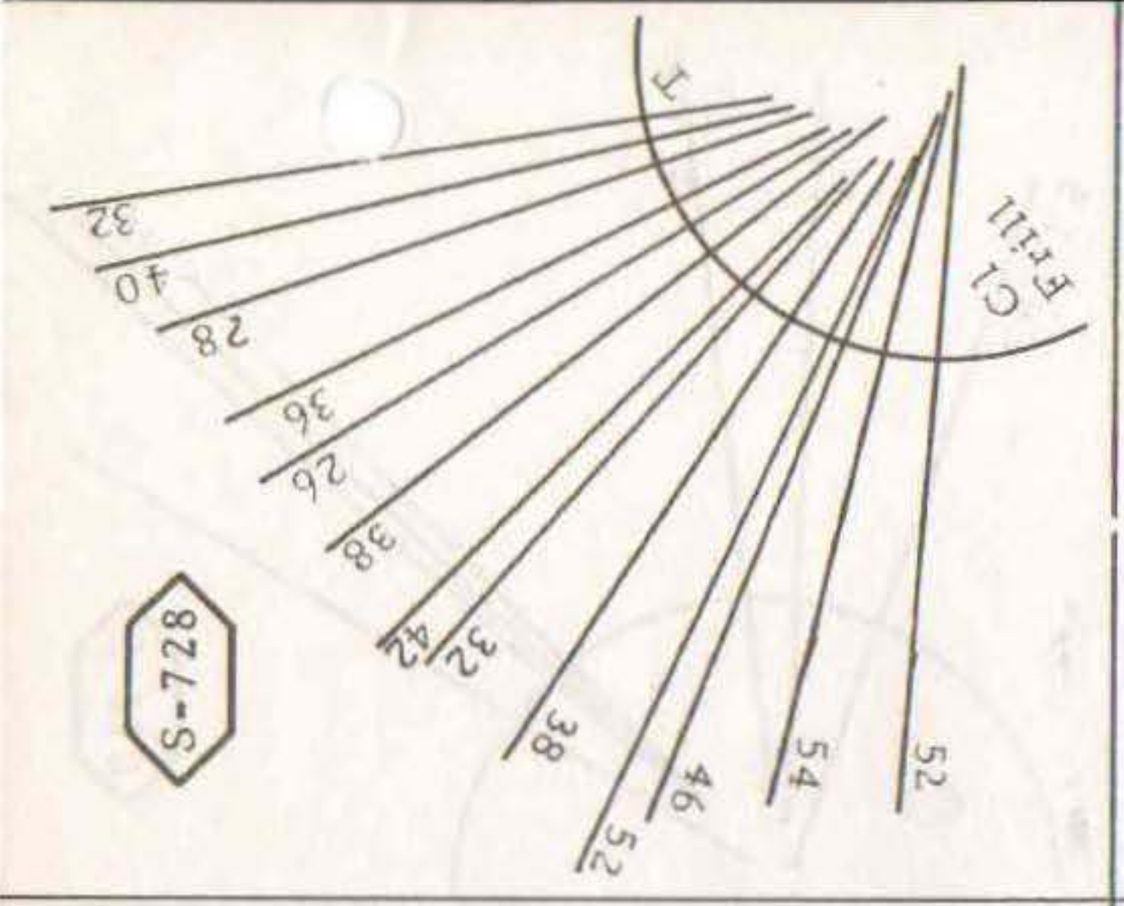
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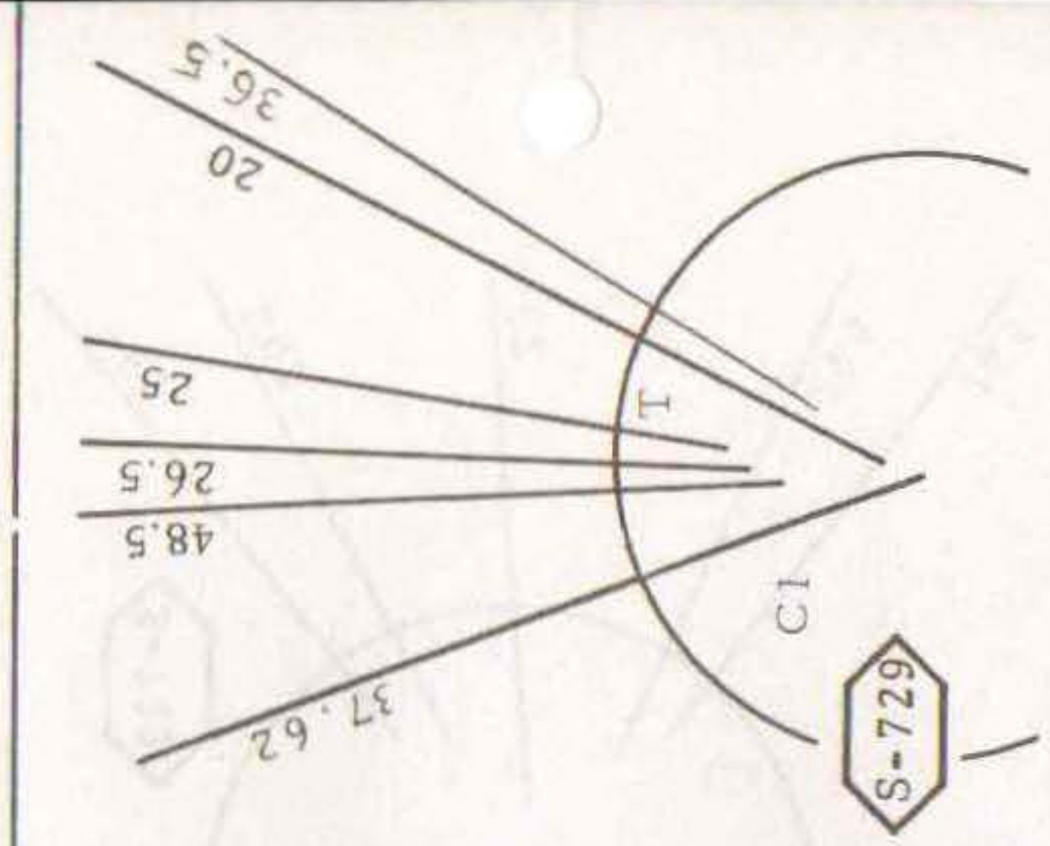
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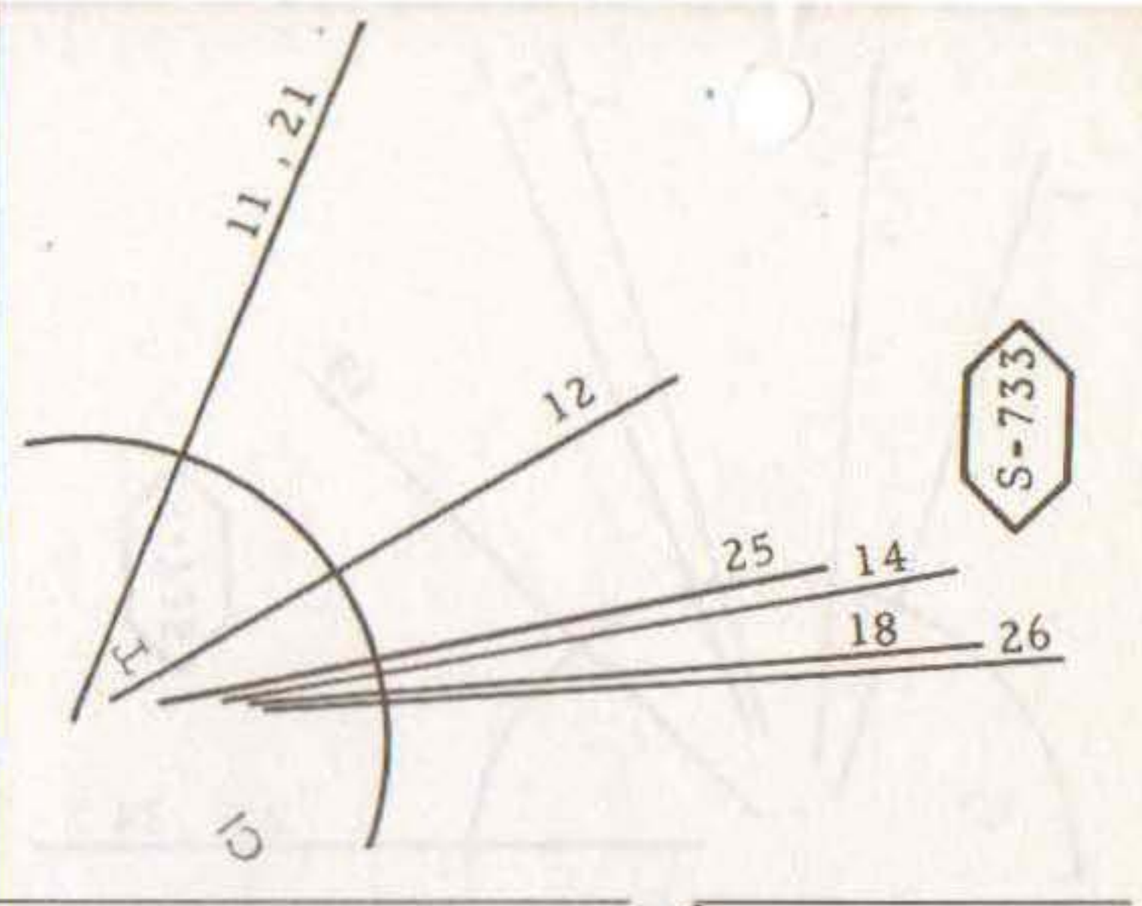
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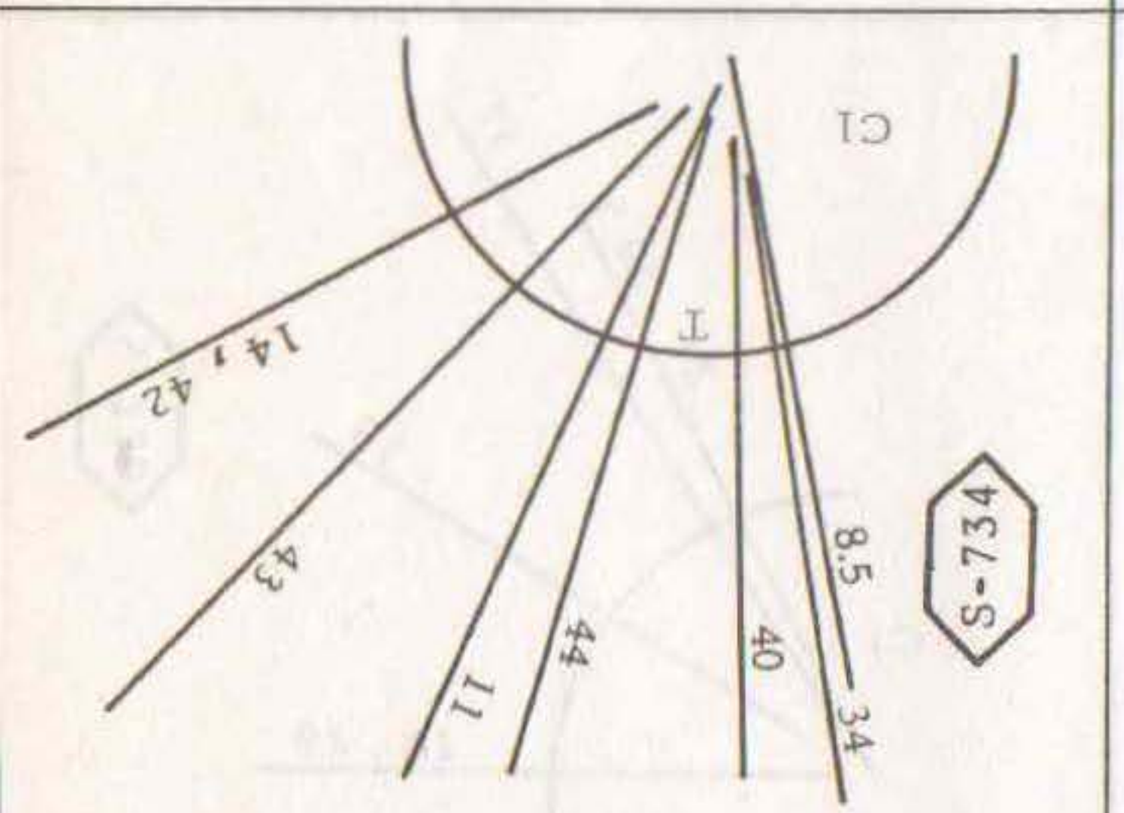
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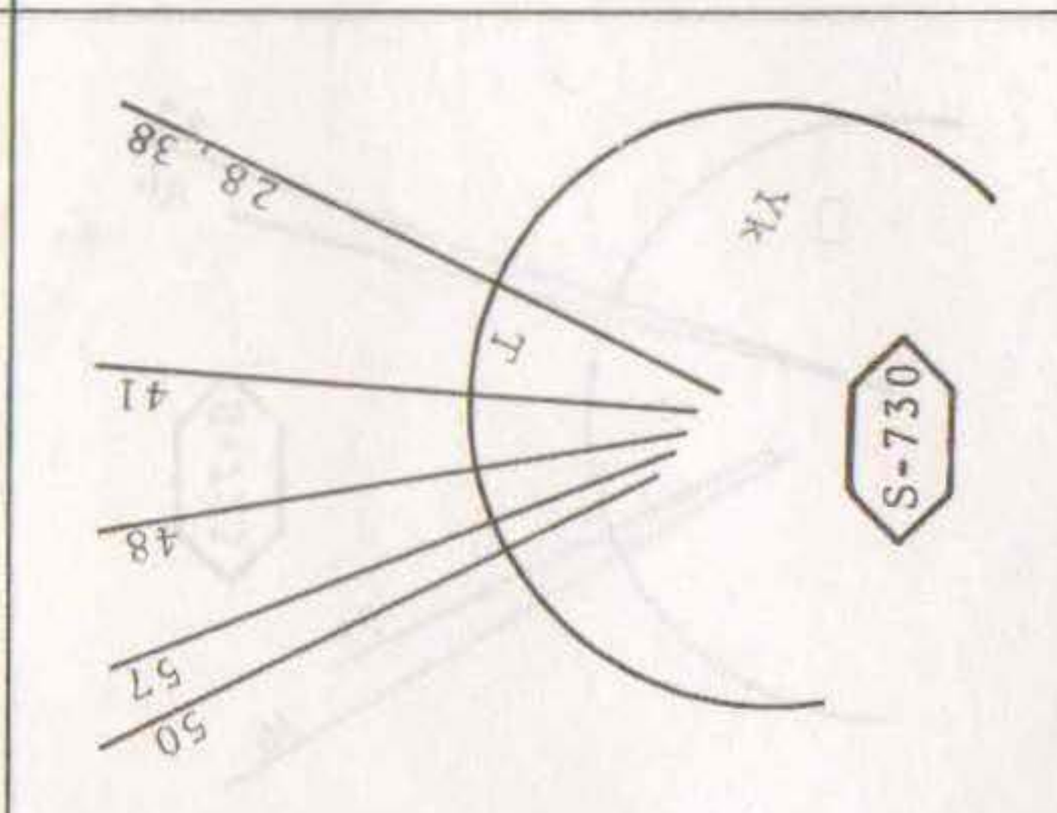
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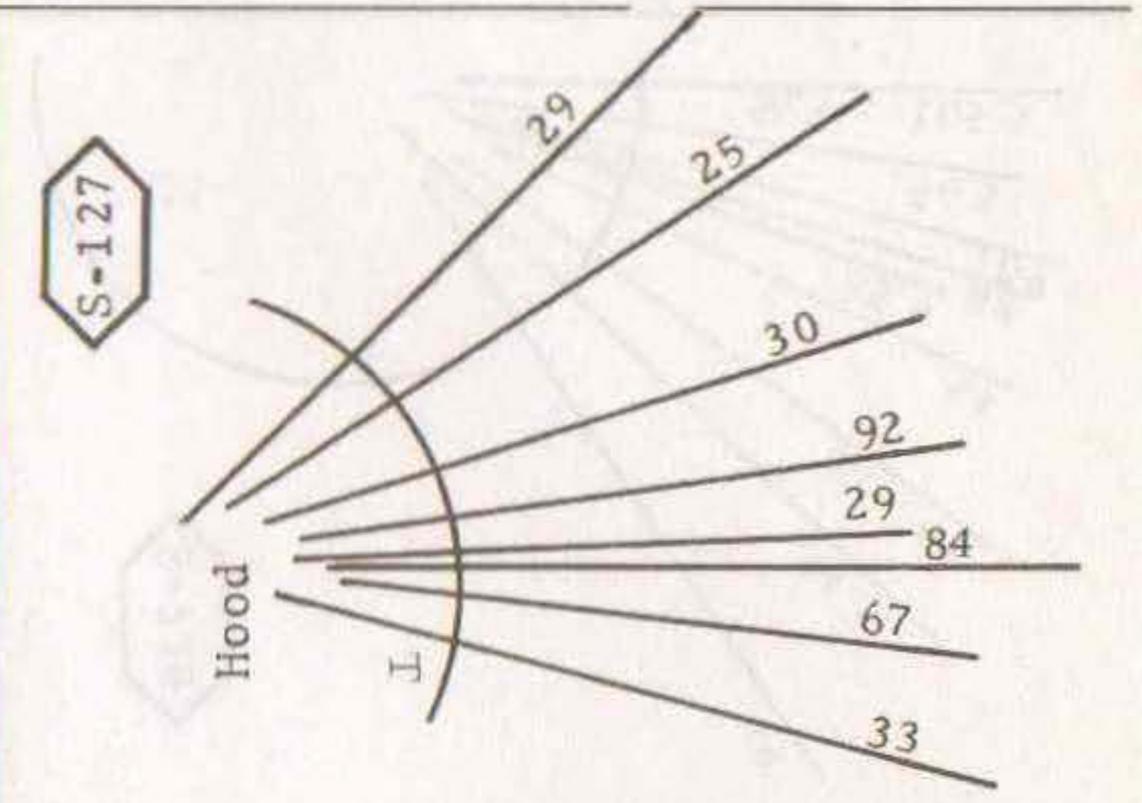
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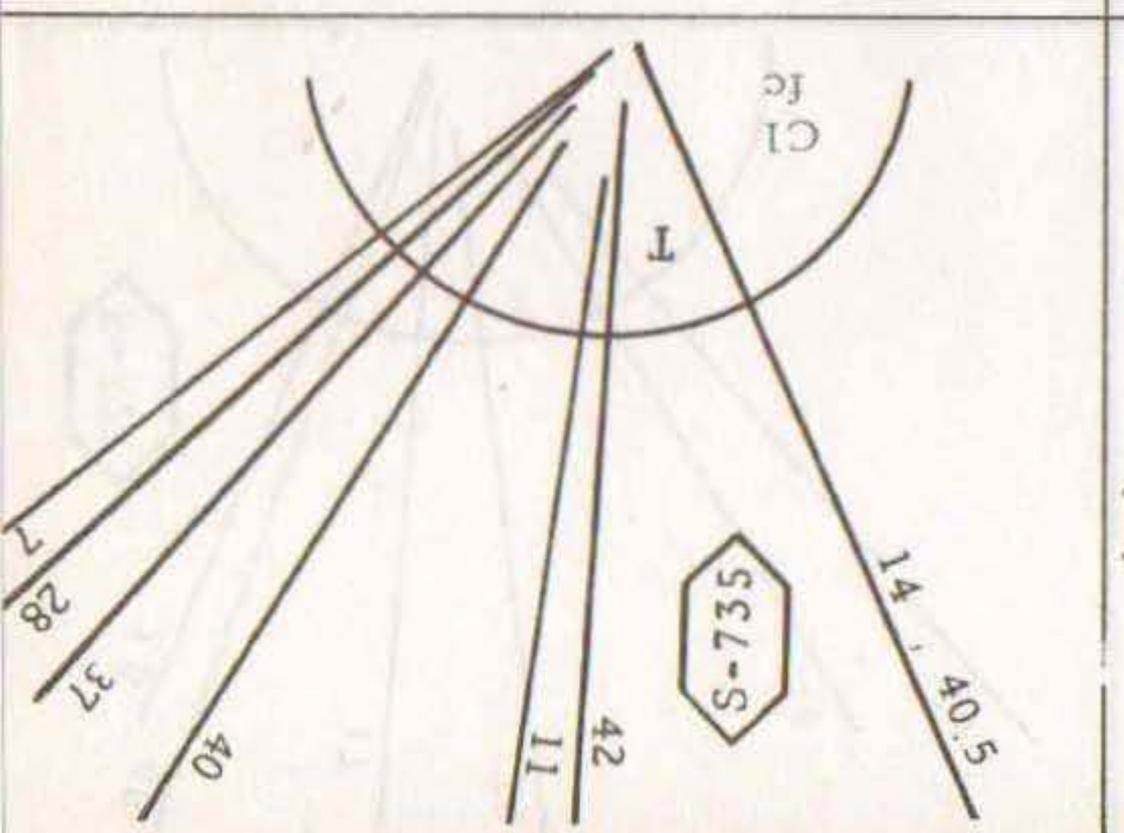
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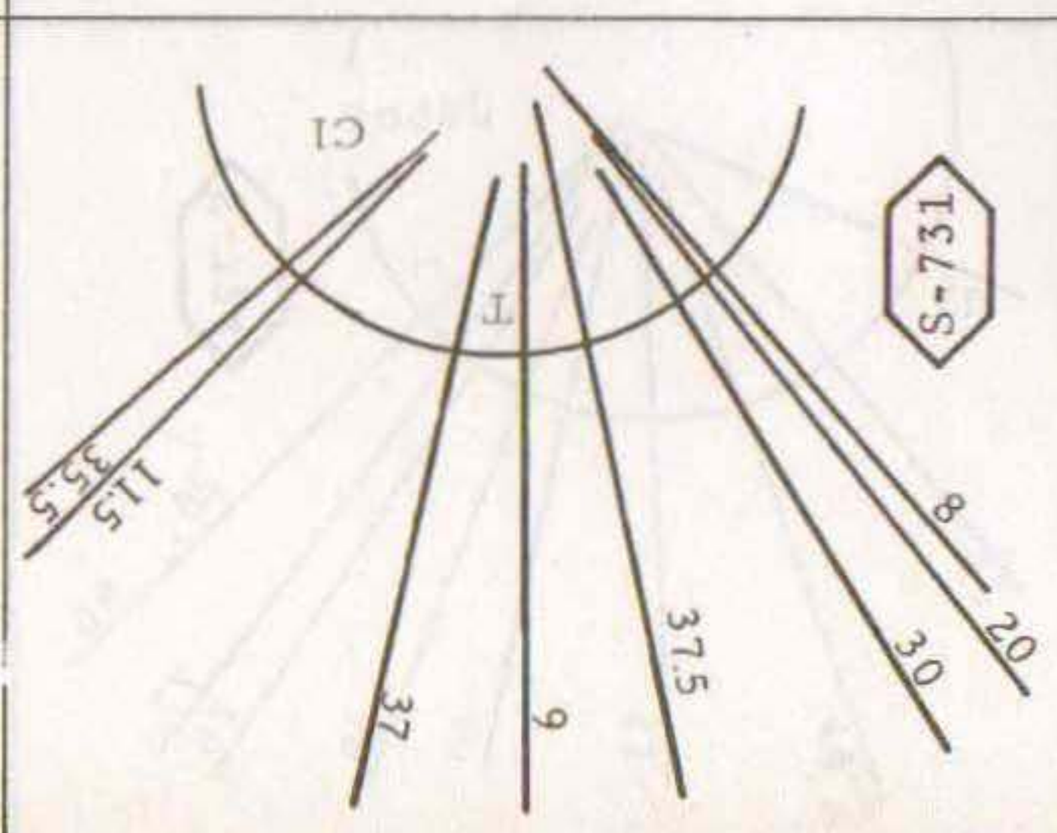
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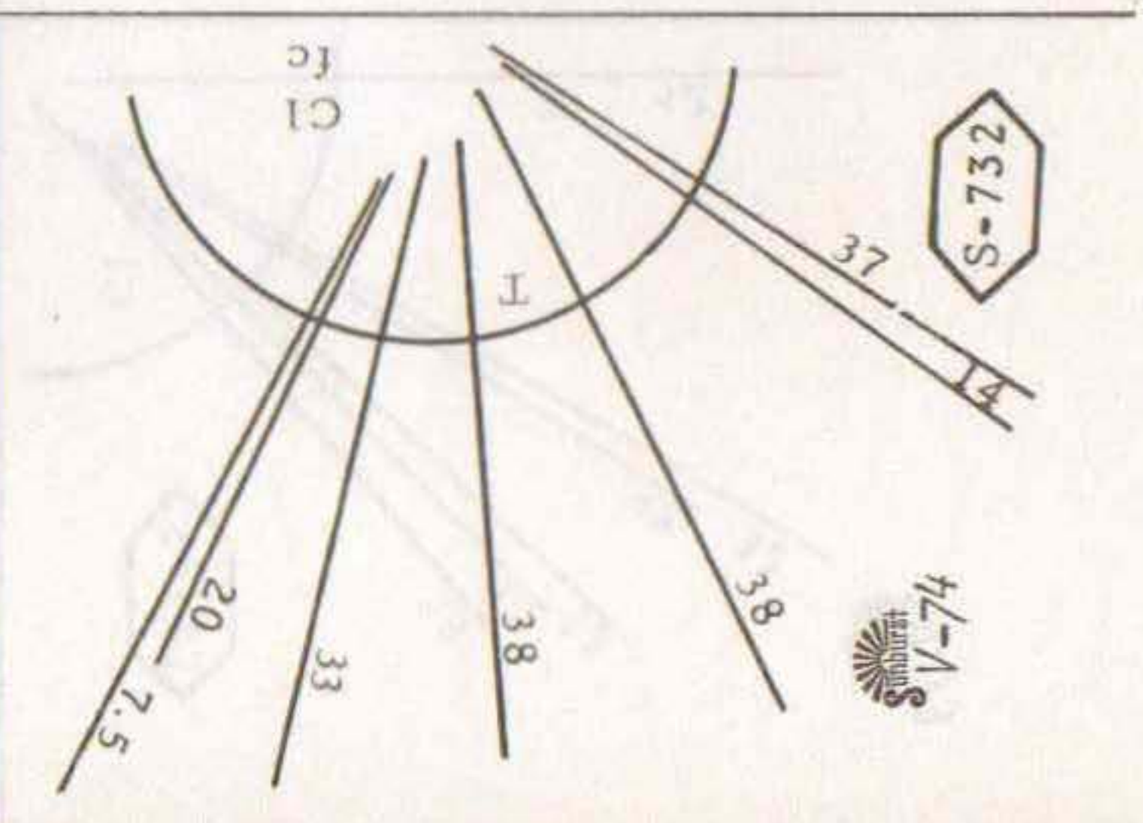
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# Making your FIRST GARMENT the SUNBURST way.

A.....Choose your favorite design from the fashion illustrations in Chapter III. However, do NOT do this BEFORE you have followed all instructions found in Chapters I and II to make your PRACTICE PATTERN and ALL your TEST PATTERNS. Then you are prepared to follow through with your FIRST GARMENT.

1. See the MODEL number beside your fashion illustration? Turn to Chapter IV and remove your PATTERN DIAGRAM page. Then remove the corresponding SUNBURST PATTERN parts in Chapter V.
2. Make your pattern as you did your TEST PATTERNS. Refer to the SYMBOL IDENTIFICATION CHART in Chapter IV whenever necessary until you become fully acquainted with its contents.

B.....Cut out on seamline.

C.....Make facings by tracing through pattern with tracing wheel onto paper. Follow the darkened areas on your patterns.

D.....Lay out pattern on table or floor between a normal material width (say 42"), leaving room for seam allowance. Arrange according to straight of grain. Measure length. Use conversion chart if you purchase a different width material.

E.....Place pattern on fabric and outline seamline with tracing carbon and tracing wheel, tailors tacks or chalk. Trace dart lines, etc.

F.....Then BE SURE to add your seam allowance when cutting fabric. 5/8" on most fabrics, many knits require less.

G.....Cut your fabric, pin and sew up seams. Press seams as you sew.

H.....Try test fitting for slight variance in type of fabric used before finishing.

I.....Finish garment (hems, detail, trim, etc.)

J.....Wear it and enjoy the compliments!

# Check List

HAVE YOU - - -

(1) Made your PRACTICE SUNBURST PATTERN?
(2) Made ALL your TEST PATTERNS?
(3) Filled in your PERSONAL RECORD below? (Measured yourself properly?)
(4) Followed these STEPS?
    (a) Laid out all materials? (Workboard, paper, Sunburst Measurement Guide & Extender, Sunburst Curve, ruler, yardstick, tape measure, scissors, marking pen, thumb tacks, transparent mending tape, tracing wheel, tracing carbon.)
    (b) Removed Sunburst Pattern Diagram page and Sunburst Patterns which match Model you have chosen?
    (c) Made your pattern following instructions given in Chapter I?
    (d) Moved dots at FITTING PROBLEM POINTS according to chart below and as explained in Chapter II?
    (e) Crossed out old dots and made corrections?
    (f) Checked fit same as in TEST PATTERN INSTRUCTIONS in Chapter II?
    (g) Determined amount of fabric to buy? (SUGGESTION: Make several patterns at once, then shop for material at leisure.)
    (h) Allowed for seams and facings before cutting?
    (i) Followed the matchmarks on Sunburst Pattern Diagrams for assembly of pattern parts? Followed instructions given on Sunburst Pattern Diagrams according to explanations given in the Symbol Identification Chart? (Chapter III)
(5) NOTE TO THE INEXPERIENCED OR BEGINNING SEAMSTRESS: Learn to draft your PATTERNS FIRST and get your FIT in the PATTERN!!! Not AFTER the FABRIC has been CUT. Then consult a good sewing book for instructions to finish off your garment.

# Special Notes

Your Personal Record: Fill in from your TEST PATTERN in pencil, because your measurements may change later. NORMAL indicates your measurements or body markings are the same as those on the TEST PATTERN.

| | | | | |
|---|---|---|---|---|
| | Bust Measurement | _____ inches | | |
| | Hip Measurement | _____ inches | | |
| | Shoulder Slope | _____ normal | _____ in. high | _____ in. low |
| | Bust Point | _____ normal | _____ in. high | _____ in. low |
| BODY | Waist | _____ normal | _____ in. short | _____ in. long |
| MARKINGS | Hip Point | _____ normal | _____ in. high | _____ in. low |
| | Elbow Point | _____ normal | _____ in. high | _____ in. low |
| | Wrist Point | _____ normal | _____ in. high | _____ in. low |
| | Knee Point | _____ normal | _____ in. high | _____ in. low |
| | Waist | _____ normal | _____ in. out | _____ in. in |
| STOUT | Hip Point | _____ normal | _____ in. out | _____ in. in |
| or TINY | Hemline | _____ normal | _____ in. out | _____ in. in |

LARGE BUST or STOUT - Size number that fits shoulder _____ inches.

# Chapter VI

# SUPPLEMENTS

## Design Supplements

## Fashion Supplements

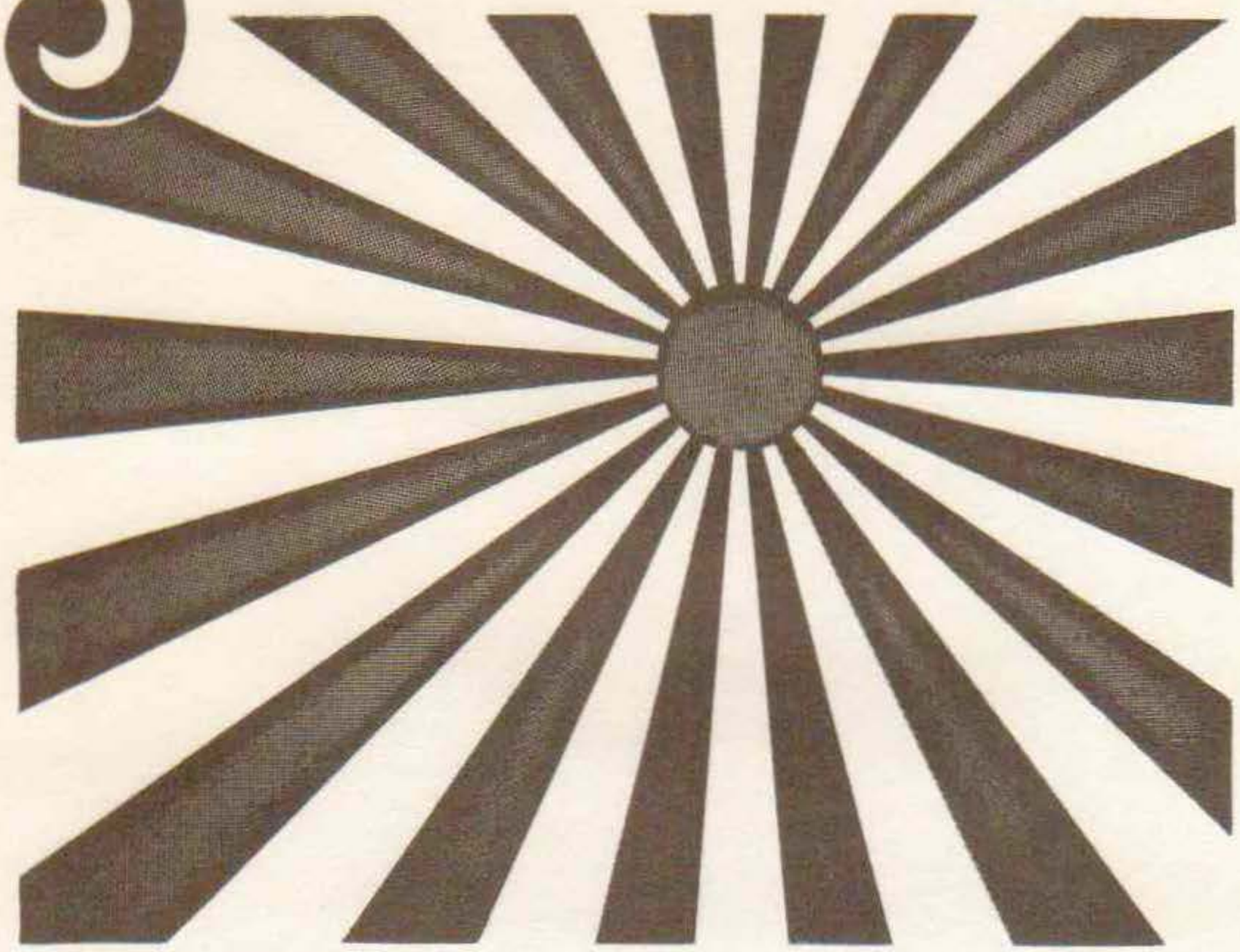
## Childrens Supplements

## Mens Supplements

## Miscellaneous Supplements

# Mens Supplements

# Sunburst pattern system



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## Chapter VI-E

by

*Helen LeMay* *C. M. Brook*

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*Draftsman:* Charles LeMay

# Chapter VI-E

# Mens Supplement


MEN'S SUNBURST
FASHION MODELS.....VI-Ec-2

Additional General Instructions for using
MENS SUNBURST PATTERNS.....VI-Ec-11

Measurement Rules

Making TEST PATTERNS
to get the fit

Adjustments.....VI-Ec-12

SUNBURST PATTERN DIAGRAMS
for MEN..... VI-Ed-1

Your SUNBURST PATTERN
TEMPLATES for MEN.....VI-Ee-1

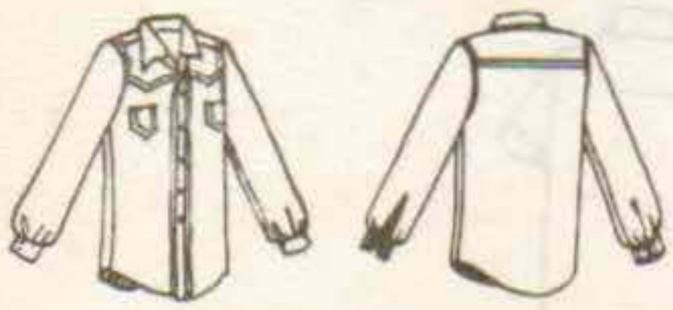
# Mens SUNBURST Fashion Models

Sunburst VI-Ec-2

Sunburst
VI-Ec-3

E-12

E-15



E-13

E-14

Sunburst
VI-Ec-4

E-16

E-17

E-18

E-19

Sunburst

VI-Ec-5

E-20

E-21

E-22

Sunburst VI-Ec-6

E-23

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E-25

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Sunburst VI-Ec-7

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E-28

E-32

E-31

E-30

E-29

Sunburst
VI-Ec-8

E-38

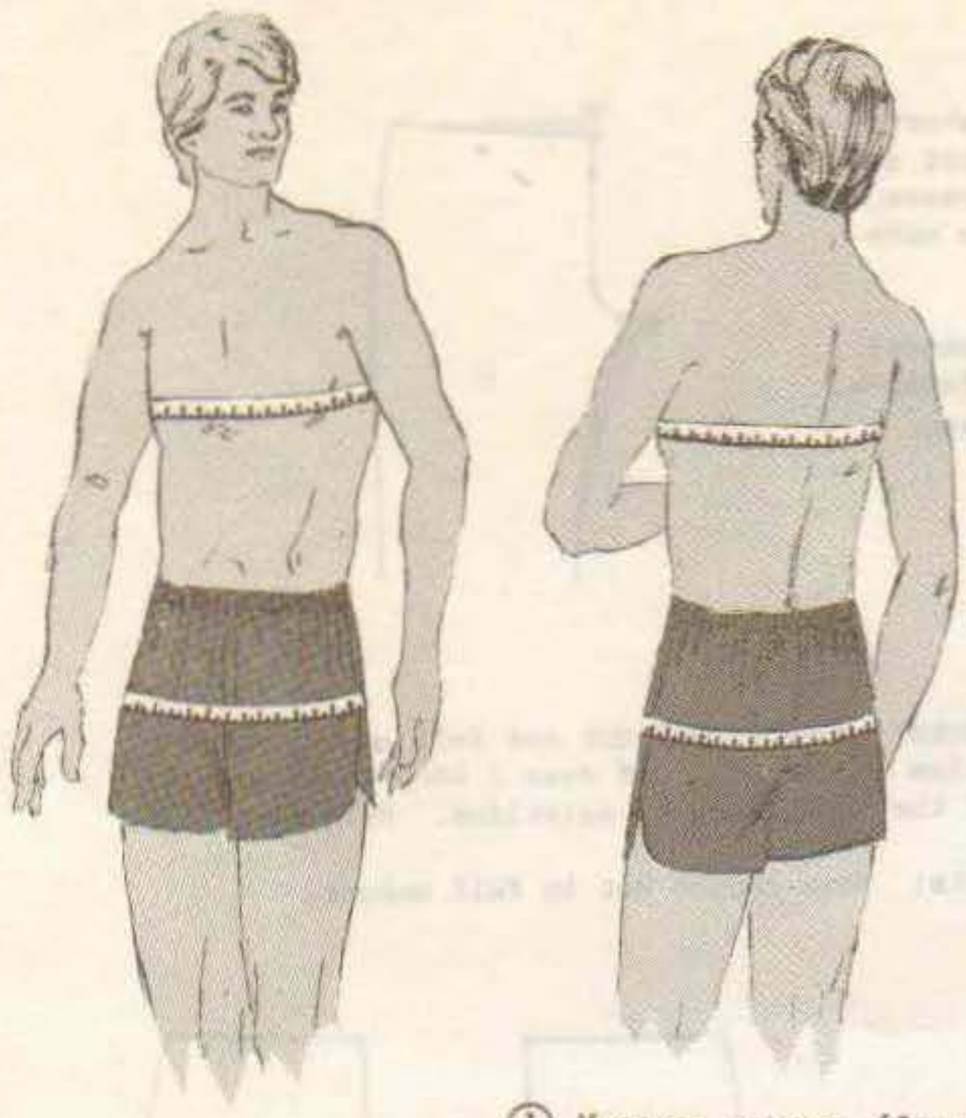
E-39

E-40

E-41

E-42

# Measurement Rules



Measure the man following general rules outlined in your textbook.

Measure chest in fullest part as shown in illustration.

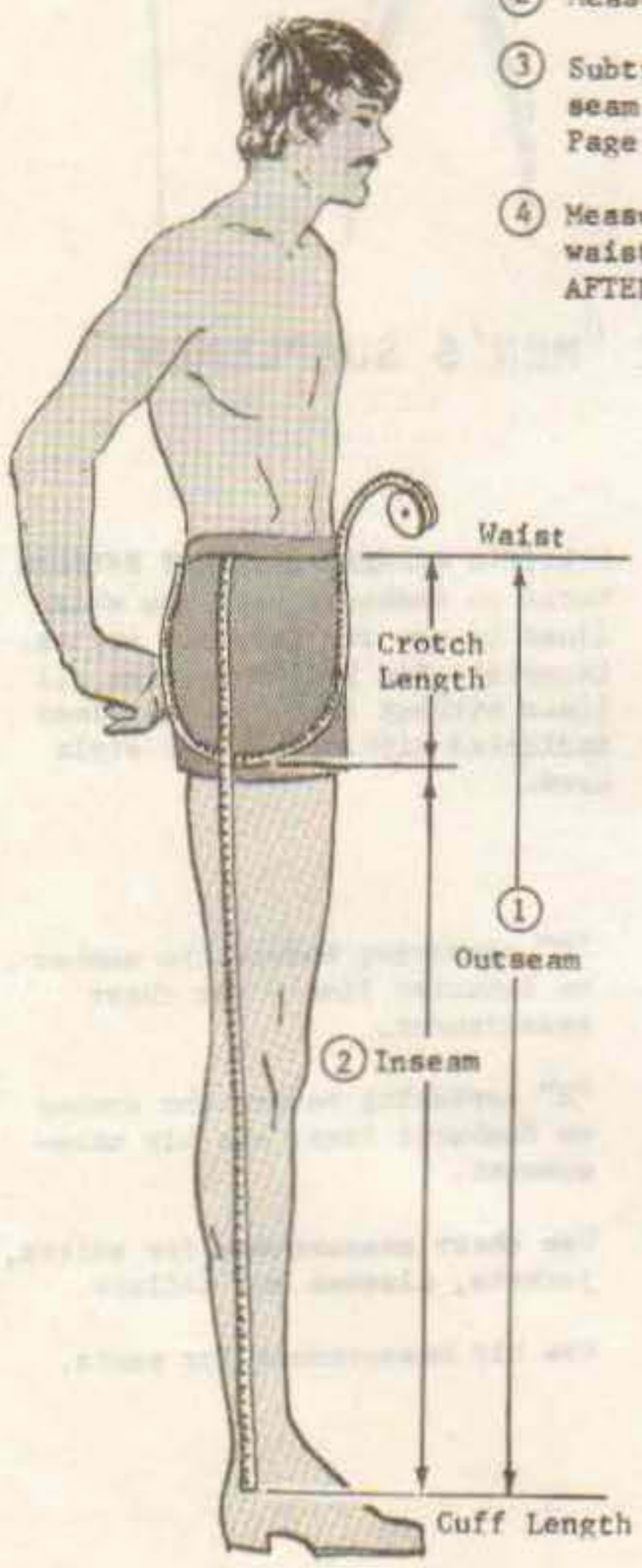
Measure hips in fullest part.

## TEST PATTERNS

Make a test shirt pattern first. Model E-7 is suggested. Mark his body for shoulders, waist, elbow, and wrist. Mark these points on test pattern, using the same instructions as found in Chapter II in your textbook. Record adjustments for future patterns.

Make a test pants pattern next. Model E-20 is suggested. Mark body for waist, hip point and knee point. Mark these points on test pants pattern and record.

Because of the difference in pants styles, it will be necessary to check the following measurements with each new style pattern you will use. This is new information on fitting which can be used for fitting women's pants, too.

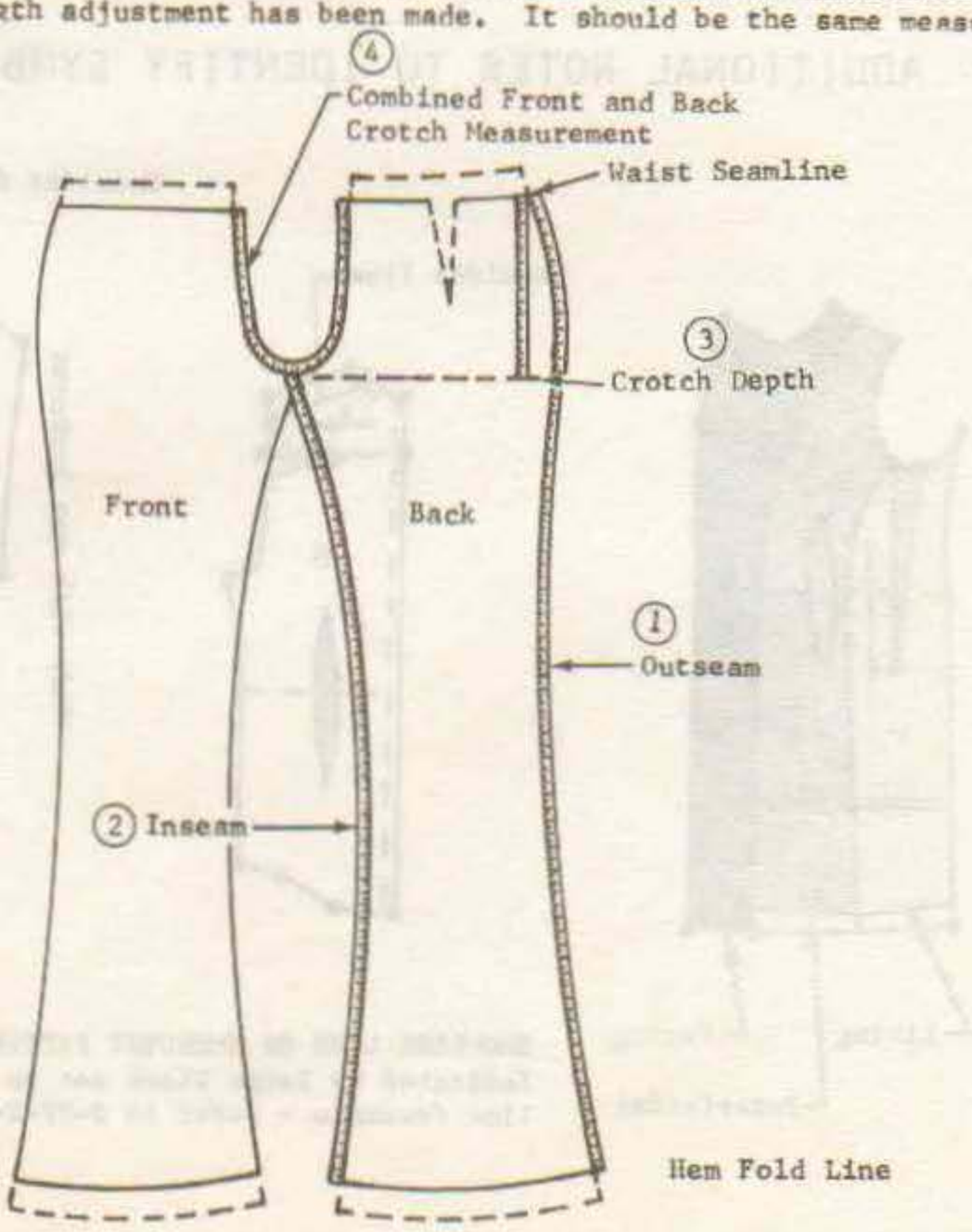



(1) Measure outseam (from where seam at waistline of pants should fit the body, to finished leg length).

(2) Measure inseam (crotch to finished leg length).

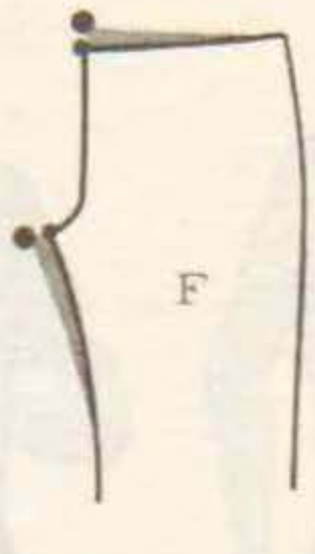
(3) Subtract inseam measurement from outseam measurement. This is crotch depth on back seam of pant. If necessary to raise or lower, follow instructions contained on Page II-5 in your textbook.

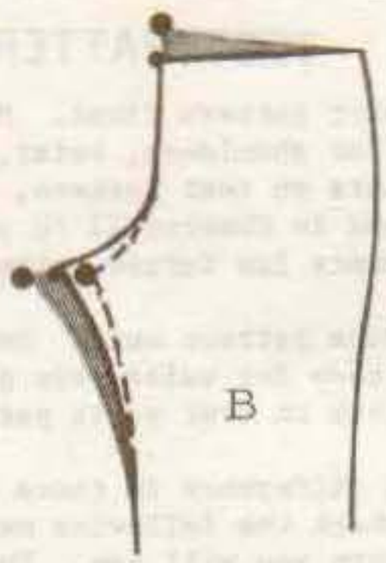
(4) Measure from same position at waistline in front between legs to seam position at waistline in back. Add ½ inch easement. Measure pants pattern as illustrated AFTER any crotch length adjustment has been made. It should be the same measurement.



If total measurement of front and back pants is shorter or longer than person's measurement, move crotch point dot OUT to enlarge - move crotch point dot IN to decrease. The figure problem involved will determine how to move the dots and re-curve.

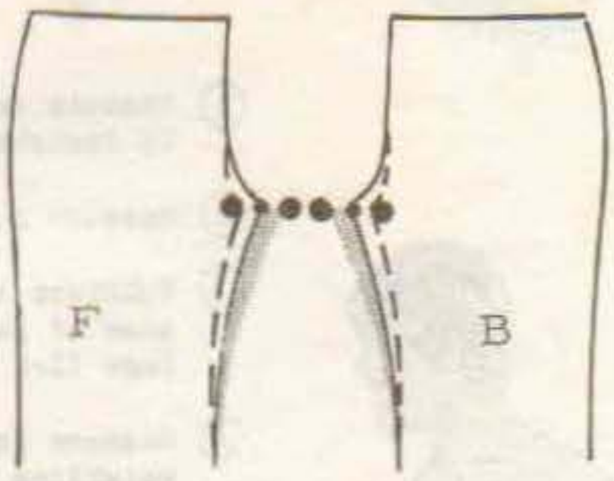
Large Abdomen: Move crotch dot out full amount needed unless problem is extreme. If over 2 inches difference, add part of the difference to waistline. Re-curve.



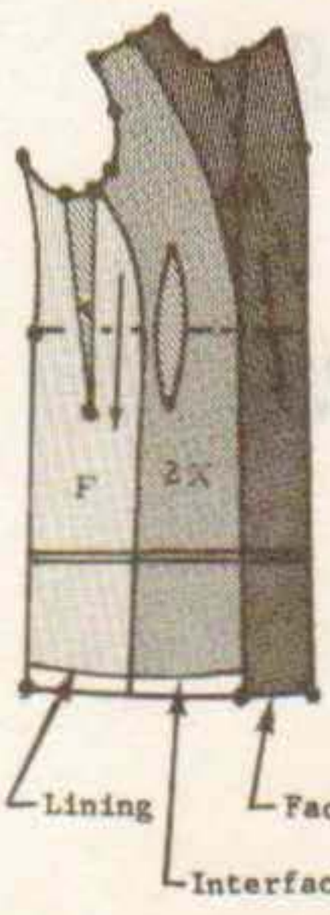

Large Buttocks: Move crotch dot out full amount needed unless problem is extreme. If over 2 inches difference add part of the difference to waistline. Re-curve.

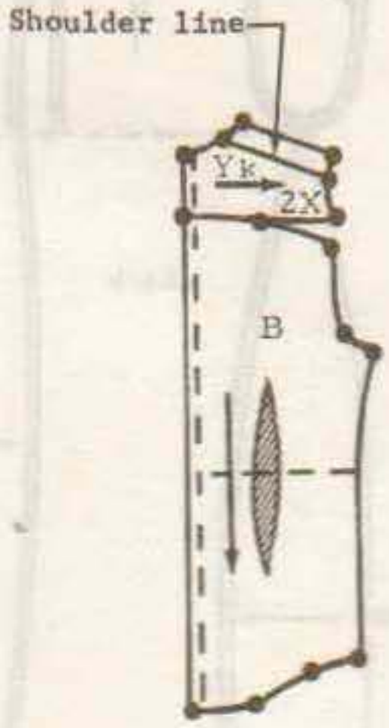
Flat Buttocks: Move crotch dot in full amount.

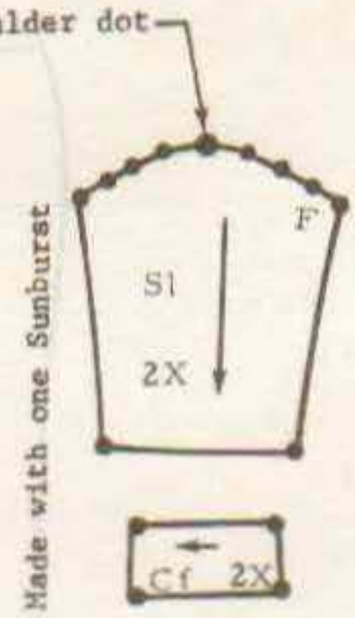



Wide Crotch: (heavy thighs) Move crotch dot out by dividing amount of difference in half. Add to both front and back equally. Move crotch dot in for thin thighs.

## ADDITIONAL NOTES TO IDENTIFY SYMBOLS IN THE "MEN'S SUPPLEMENT"




SHOULDER LINE ON SUNBURST PATTERN
Indicated by large black dot on line (example - refer to S-22-E-1)

MULTIPLE GARMENT SUNBURST PATTERN
Notes on Sunburst tell you which lines to use for separate styles. Example: See S-21-E-1. Use all lines without symbols plus lines indicated with symbol for style used.

"C" appearing before the number on Sunburst line - use chest measurement.

"H" appearing before the number on Sunburst line: use hip measurement.

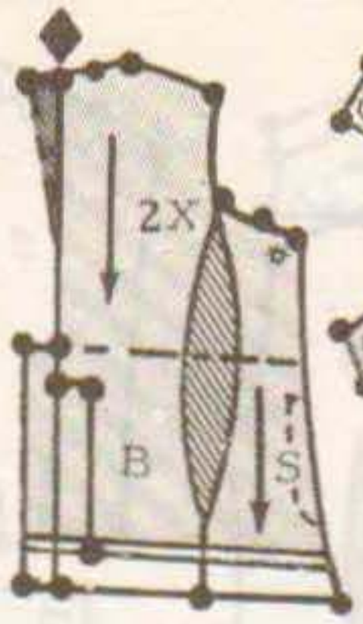
Use chest measurement for shirts, jackets, sleeves and collars.

Use hip measurement for pants.

Sunburst
VI-Ec-12

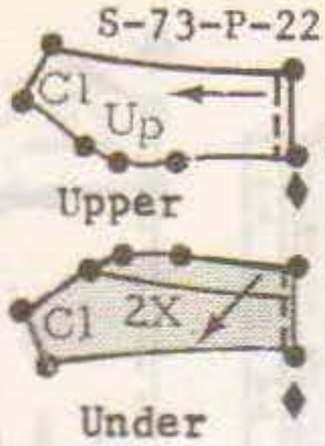
## E-1

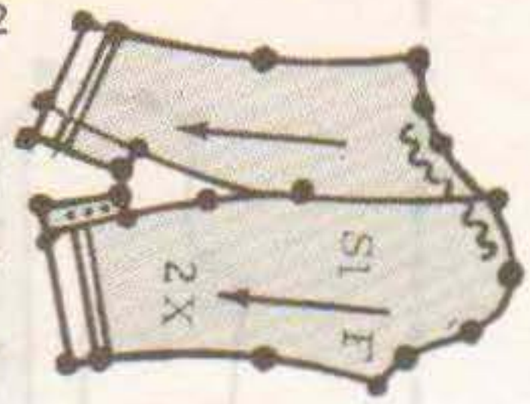
S-14-P-6




S-11-P-6

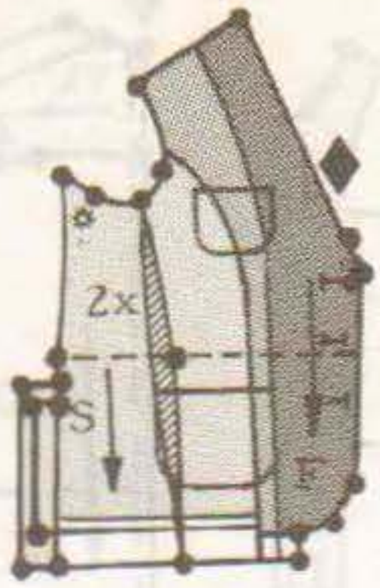
S-73-P-22




S-69-P-20

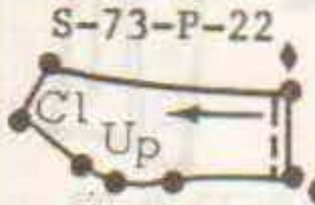
NOTE: For under collar, make pattern ¼" narrower in width
*Pockets
*Flaps



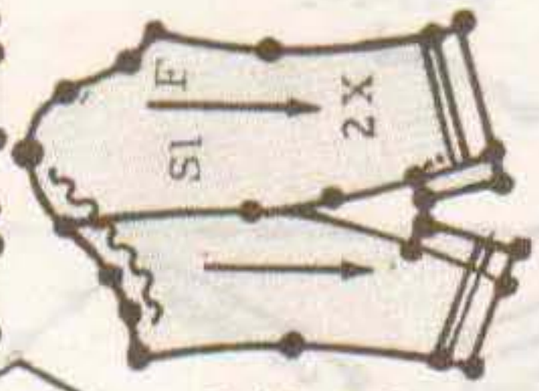

S-16-P-7

S-15-P-7

S-73-P-22

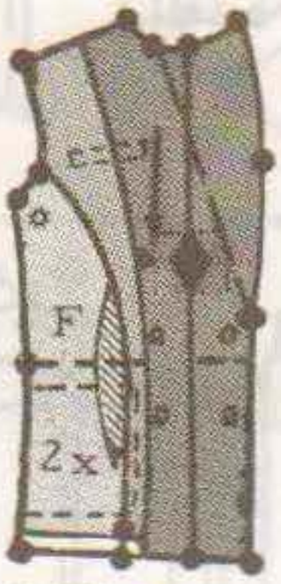



## E-2



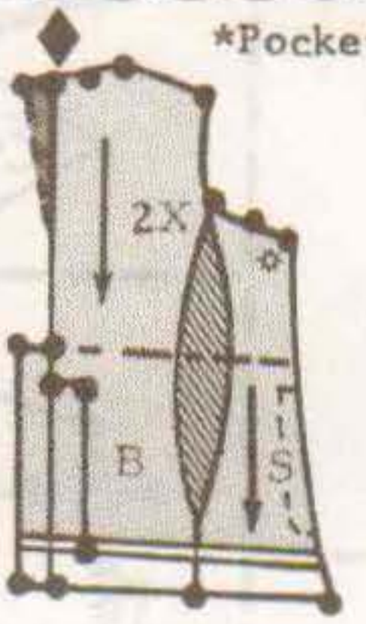

S-69-P-20

NOTE: For under collar, make pattern ¼" narrower in width



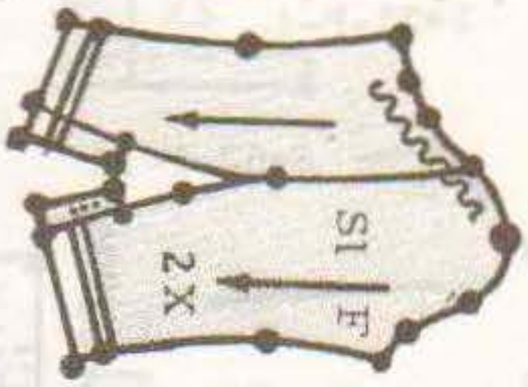

S-12-P-6

*Pockets




S-11-P-6

*Pockets

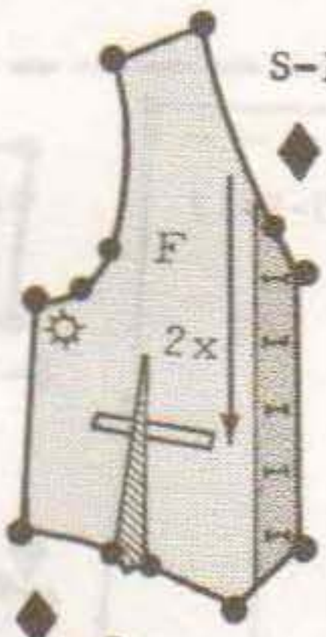


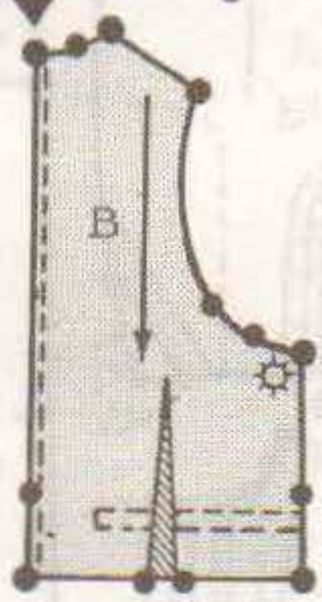

S-69-P-20

## E-3

S-111-P-9 *Pocket
*Belt

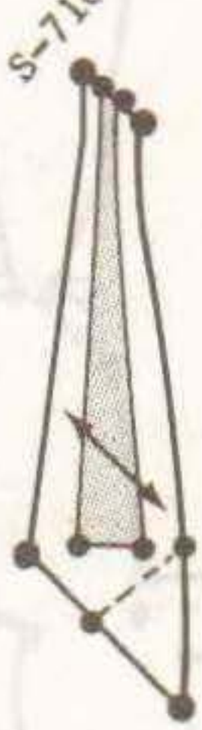
## E-5



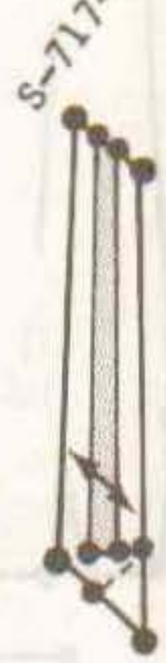




S-112-P-9

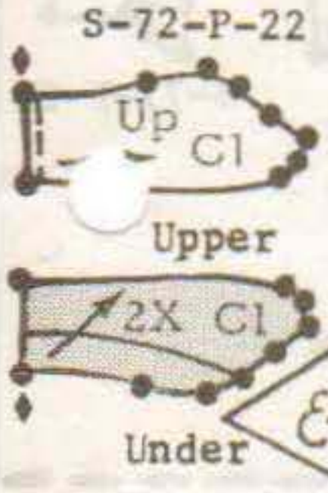
S-716-P-23



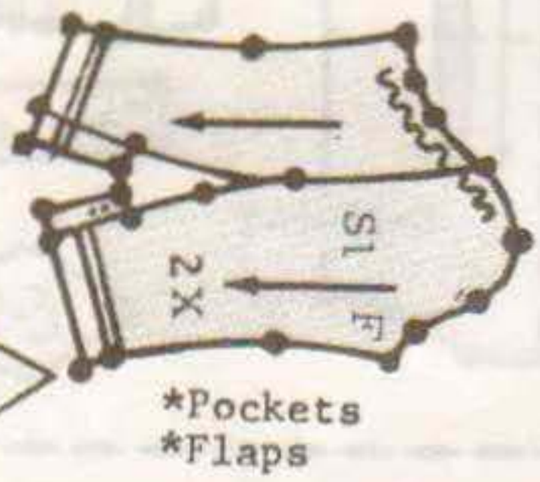
S-717-P-23



S-72-P-22

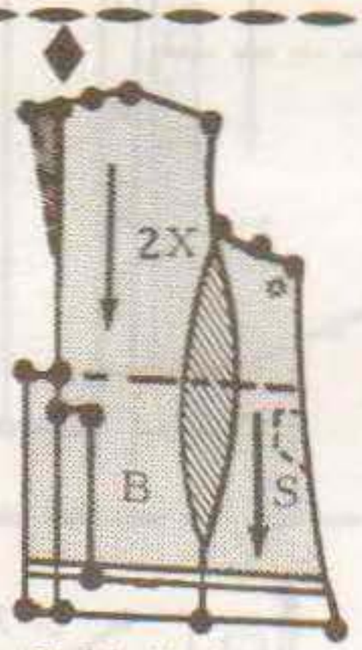



## E-4

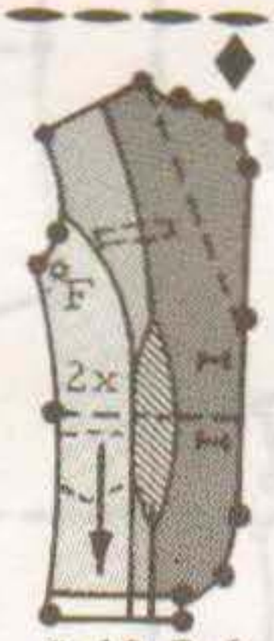



*Pockets
*Flaps

NOTE: For under collar, make pattern ¼" narrower in width

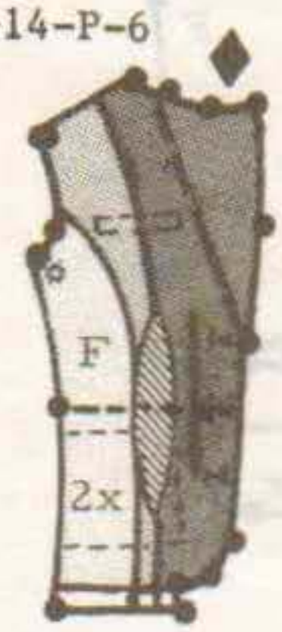



S-11-P-6



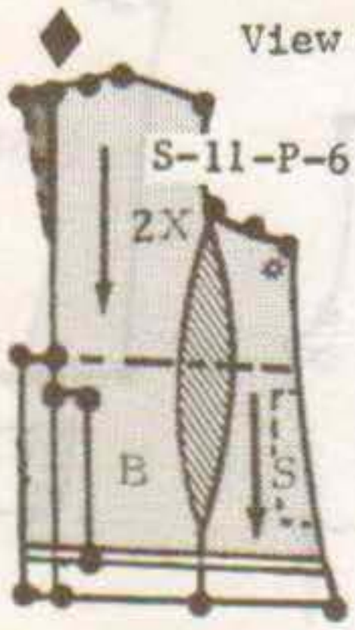

S-13-P-6

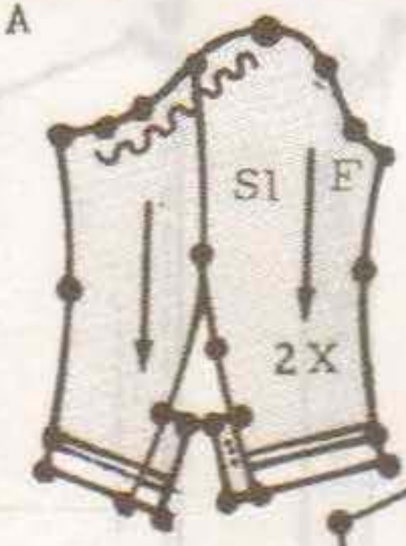
S-14-P-6




View A

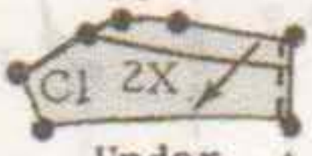
S-11-P-6



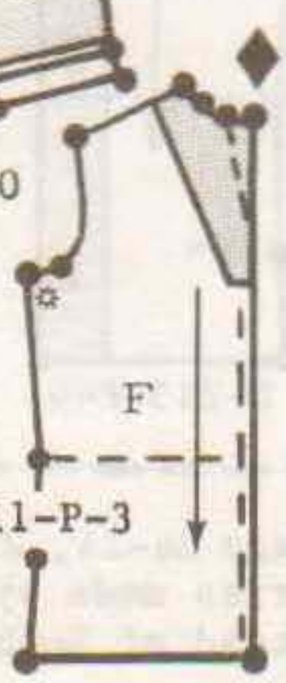



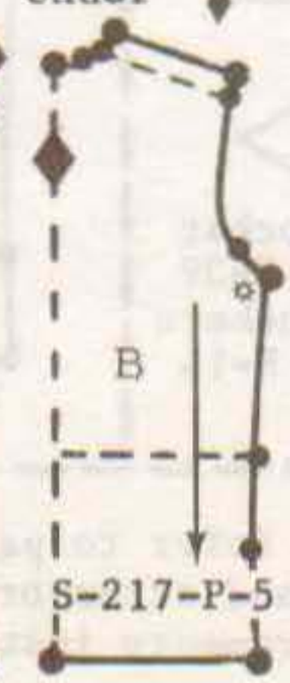

S-69-P-20

S-73-P-22
Upper




Under

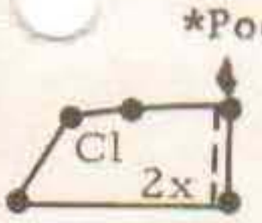



S-217-P-5

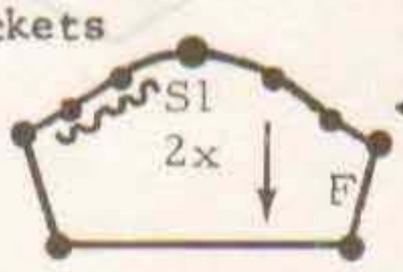
NOTE: For under collar, make pattern ¼" narrower in width.

*Pockets




S-76-P-22

## E-6



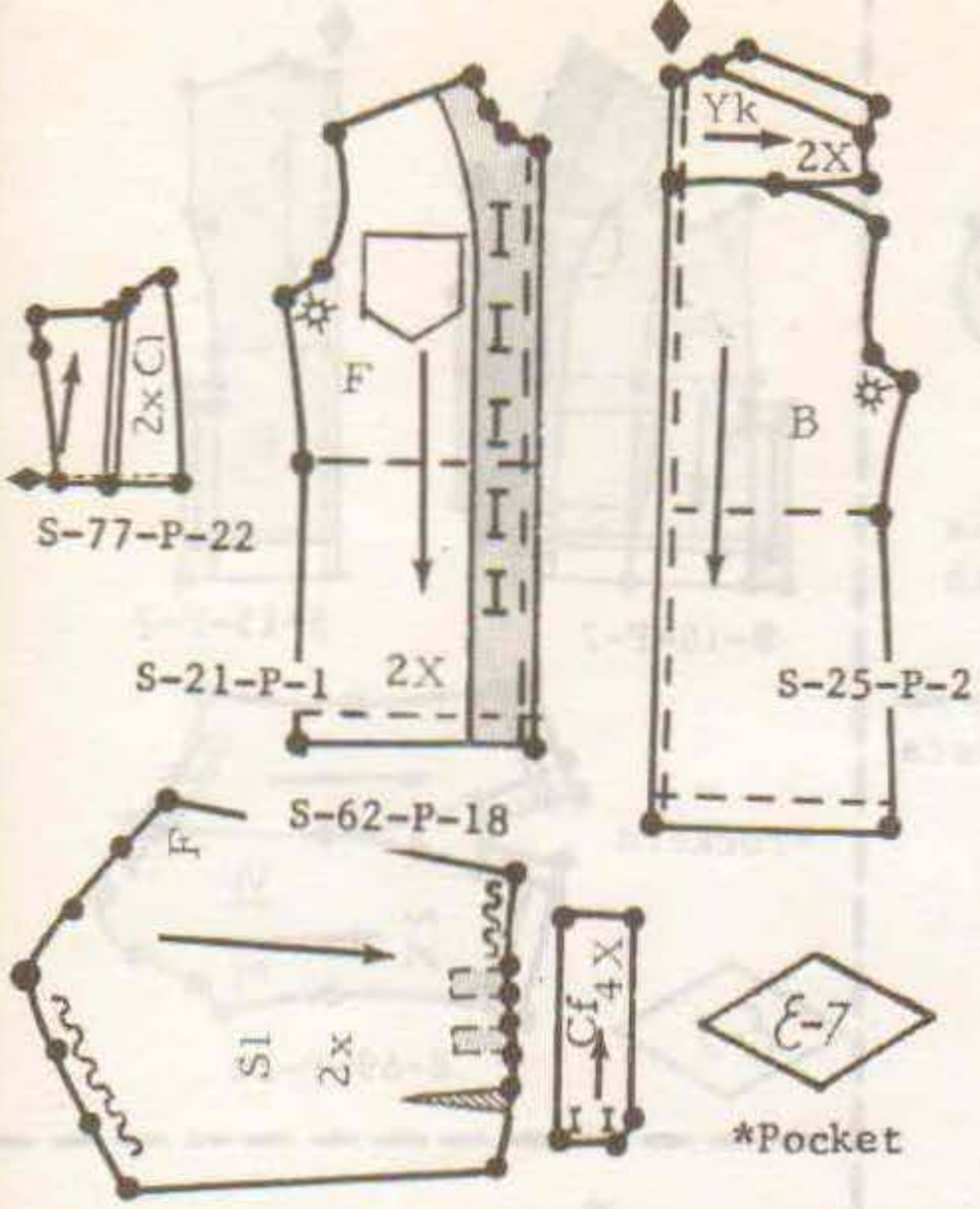

S-61-P-18

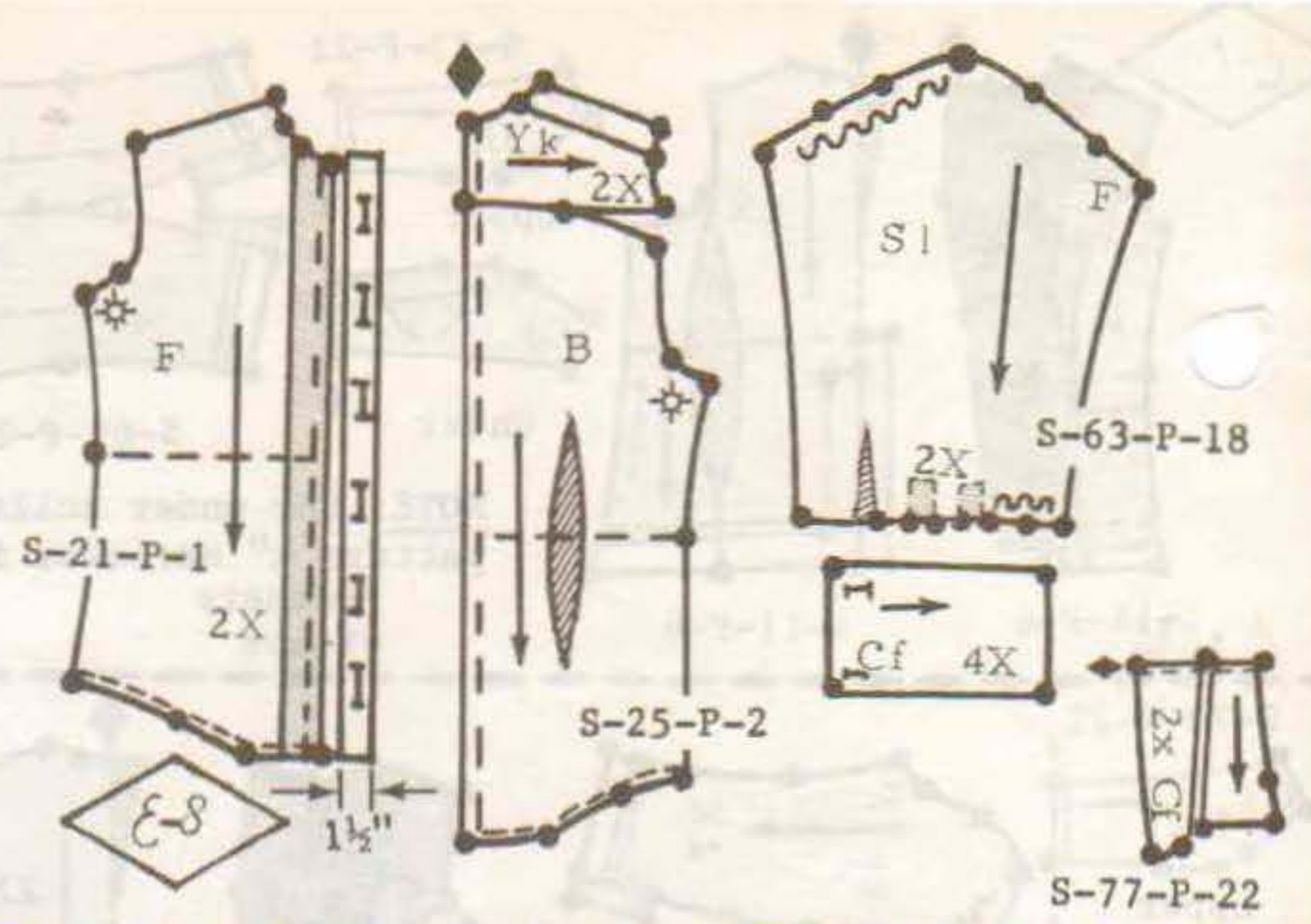
S-211-P-3
View B

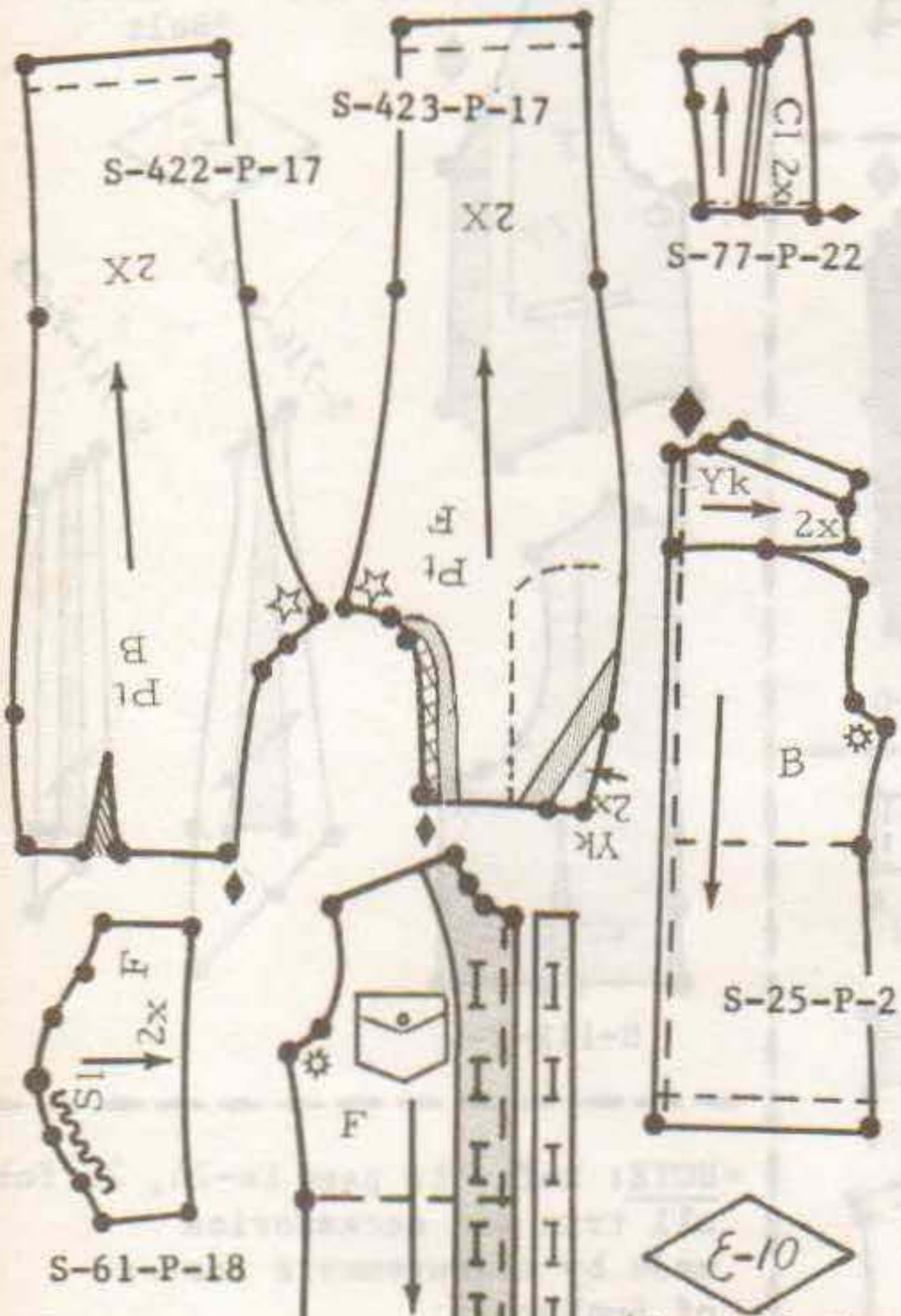
*NOTE: Refer to page Ee-24, 25 for all trim and accessories made by measurements instead of Sunbursts.

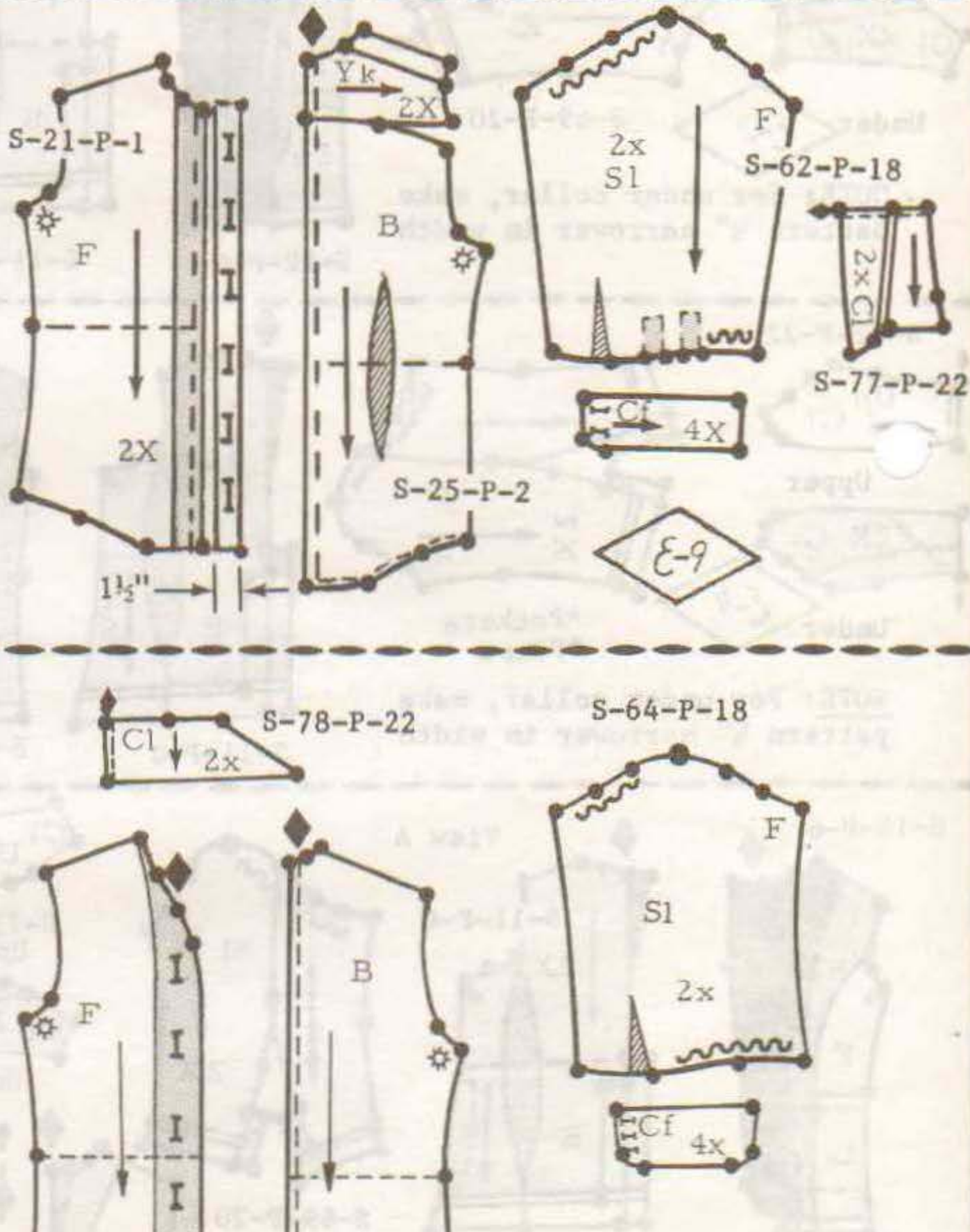
# Mens SUNBURST Pattern Diagrams

VI-Ed-1

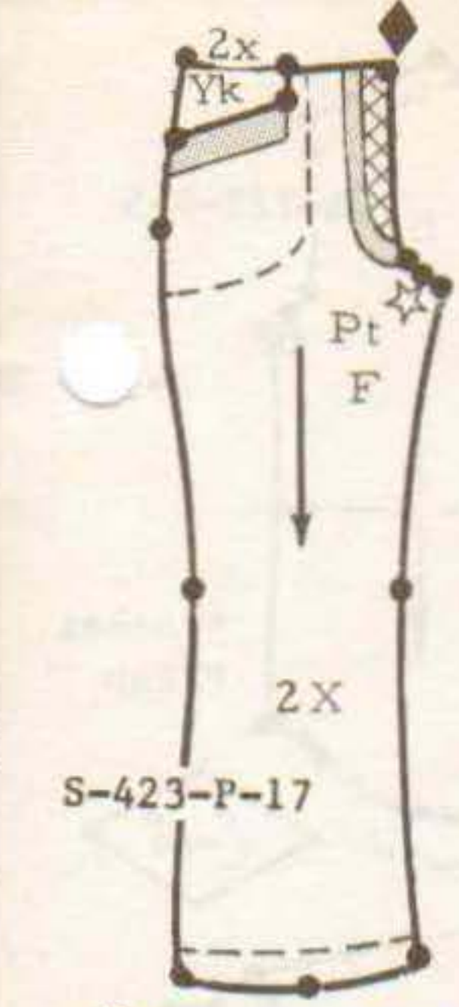


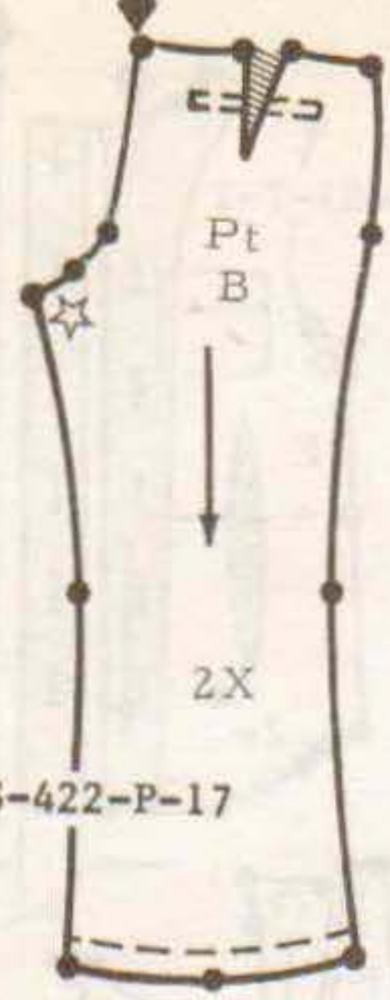



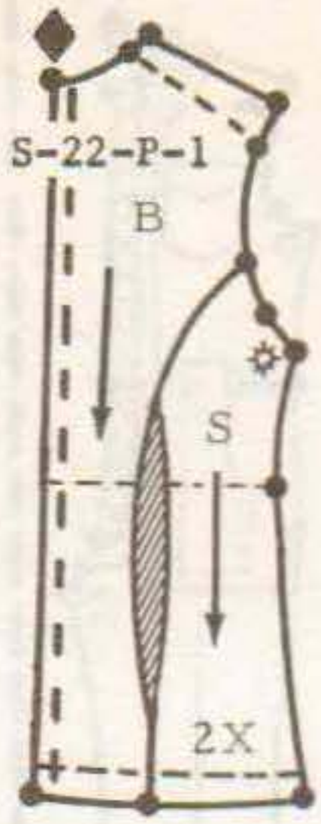

* NOTE: Refer to page Ee-24, 25 for trim and accessories made by measurements instead of Sunbursts.



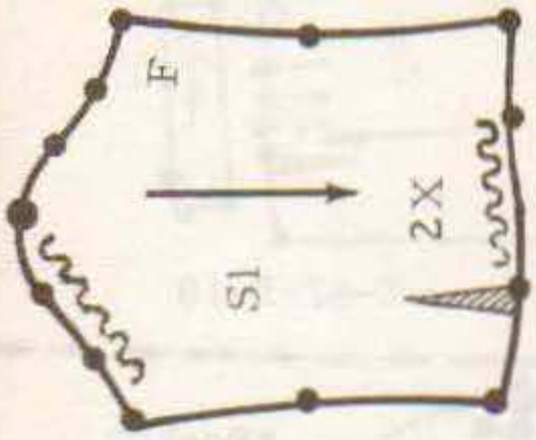

S-423-P-17




S-422-P-17

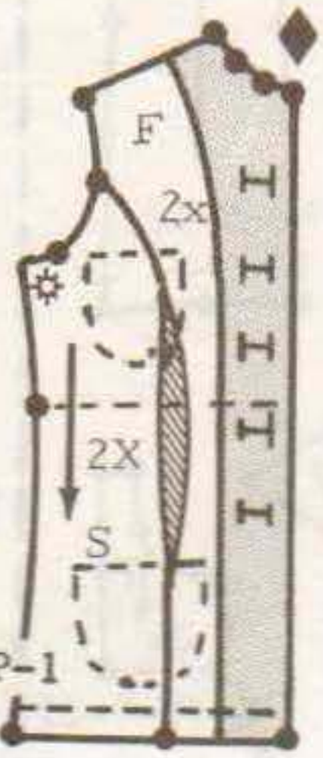



S-22-P-1




S-65-P-19

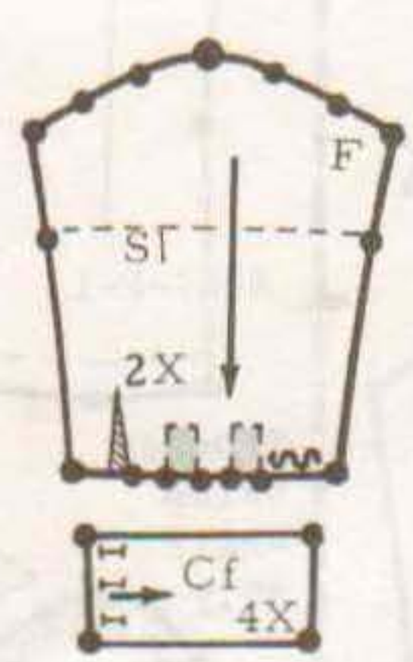
S-79-P-22




S-24-P-1

E-12

*Pockets *Loops
*Fly *Waistband



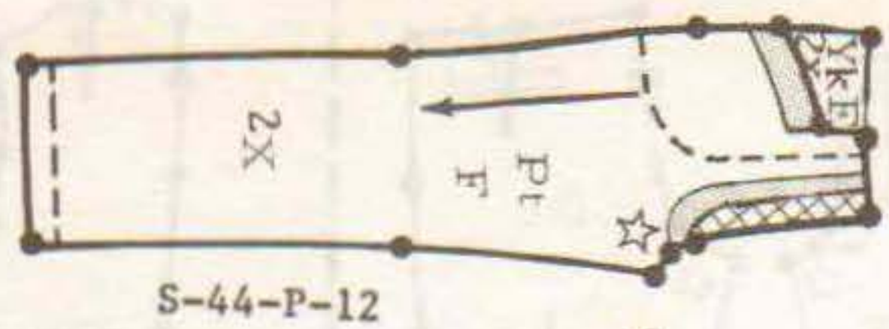

S-66-P-19



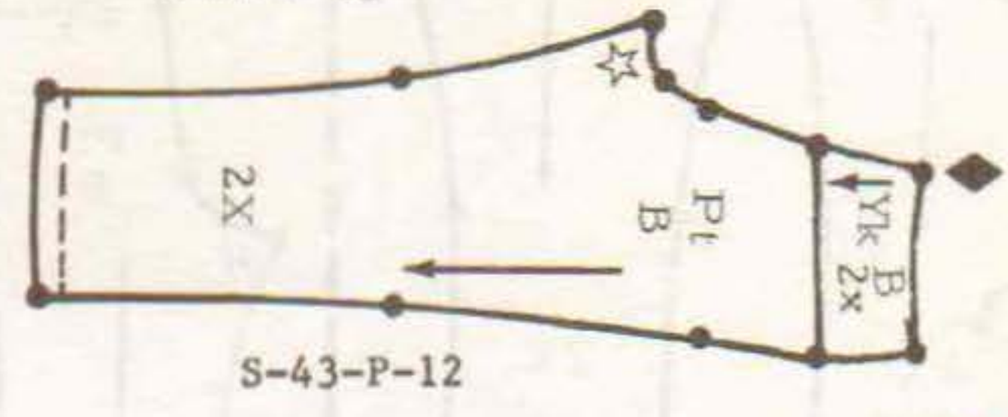

S-66-P-19

*Pockets
*Fly
*Waistband
*Loops

E-13

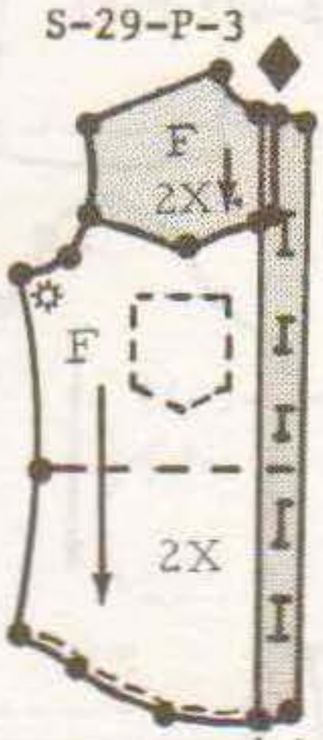



S-44-P-12

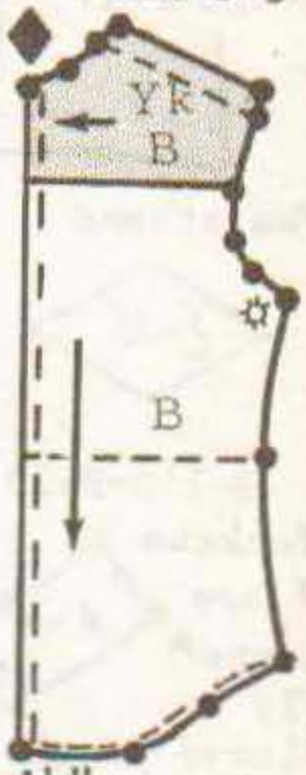



S-43-P-12

S-29-P-3



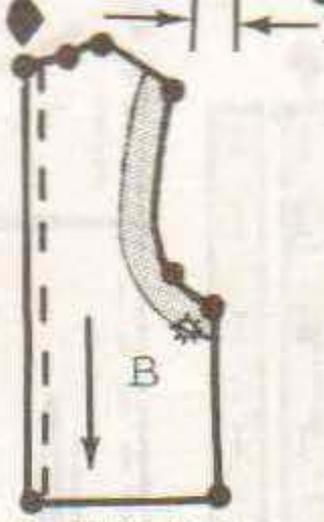

S-220-P-5



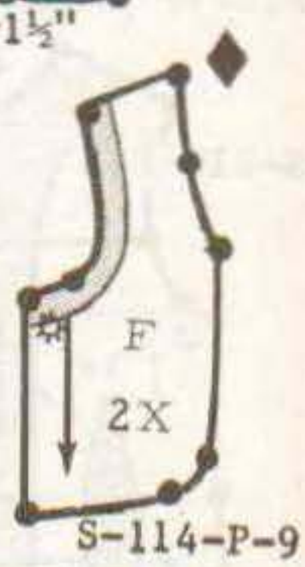

1½"



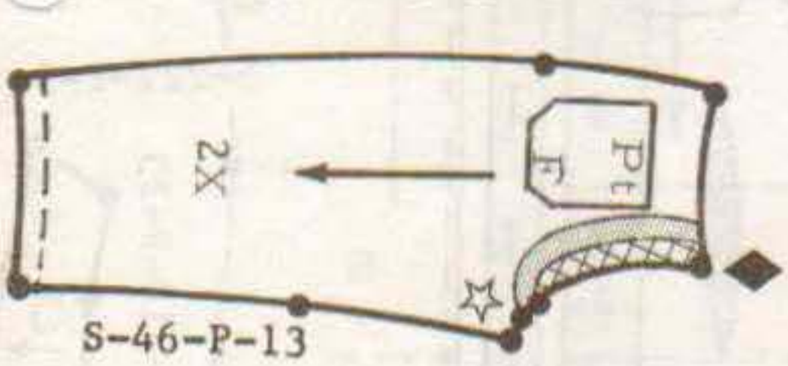

S-711-P-23



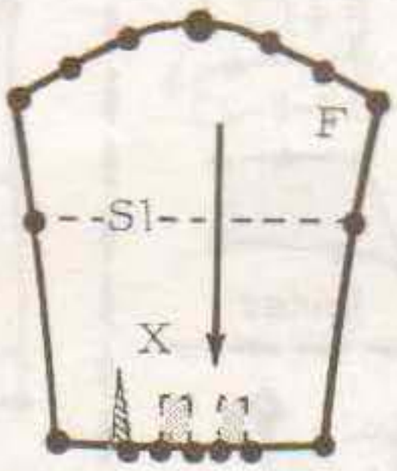

S-113-P-9



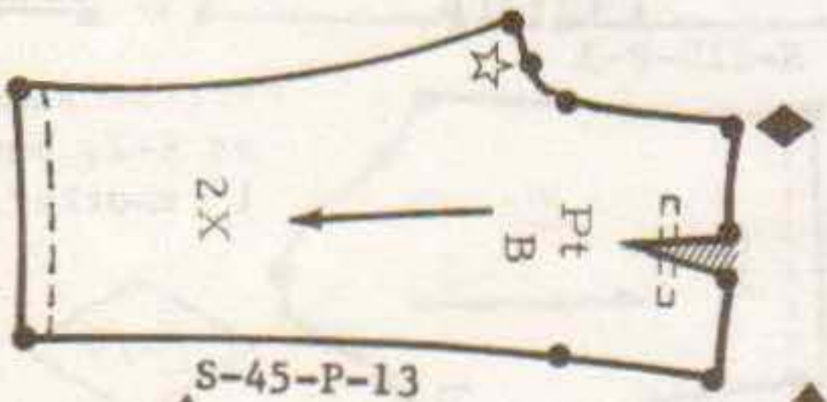

S-114-P-9




S-46-P-13



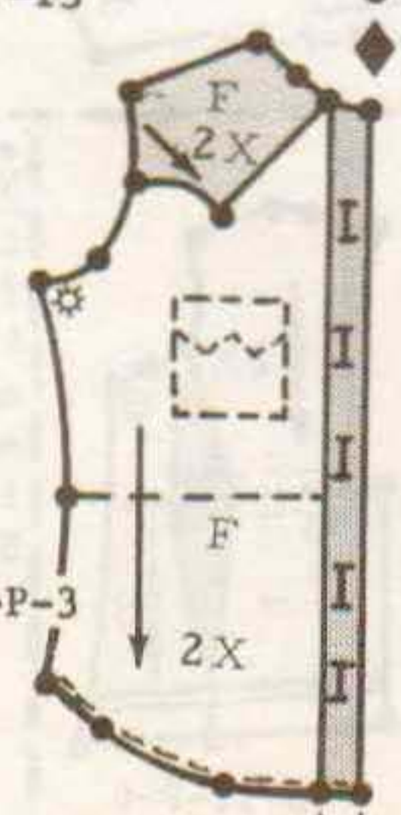
S-66-P-19




S-45-P-13

S-711-P-23

E-15



S-220-P-5

S-212-P-3

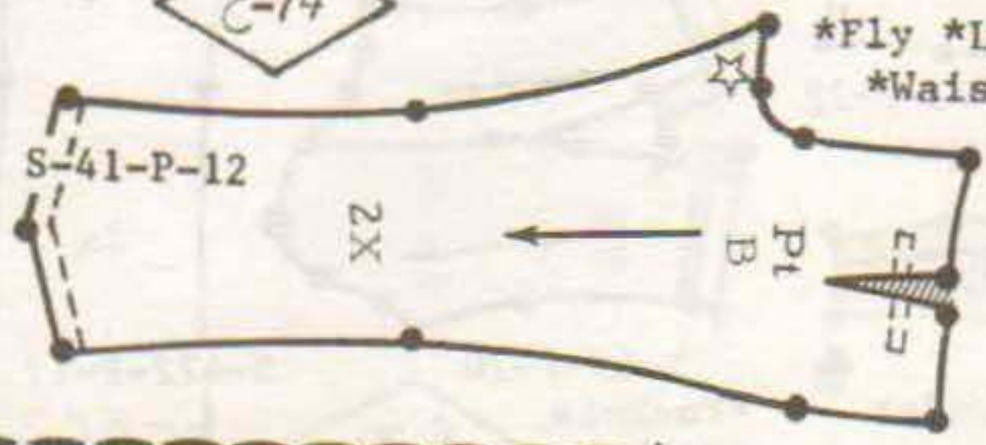
*Pockets
*Flap
*Waistband
*Loops

1½"

S-42-P-12

*Pockets

E-14

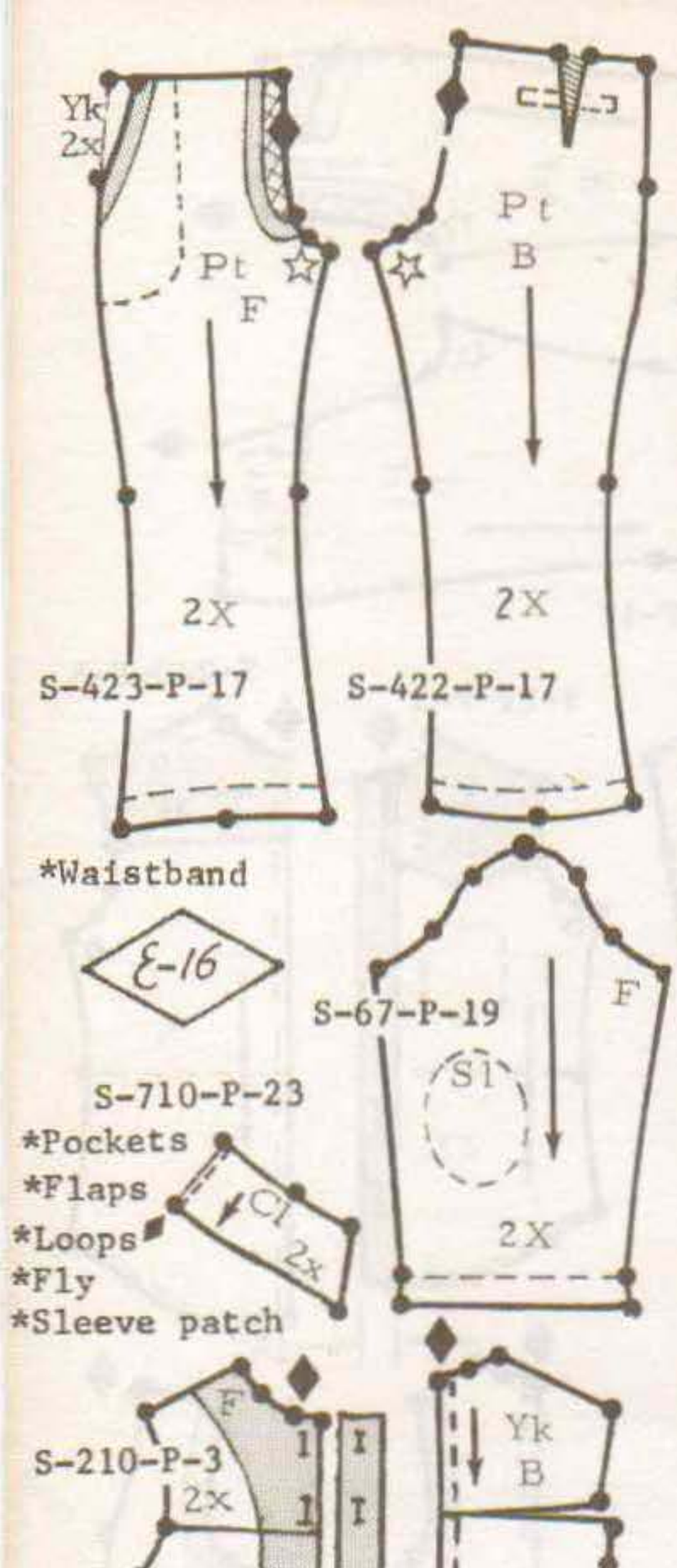



S-41-P-12

*Fly *Loops
*Waistband

*NOTE: Refer to page Ee-24, 25 for trim and accessories made by measurements instead of Sunbursts

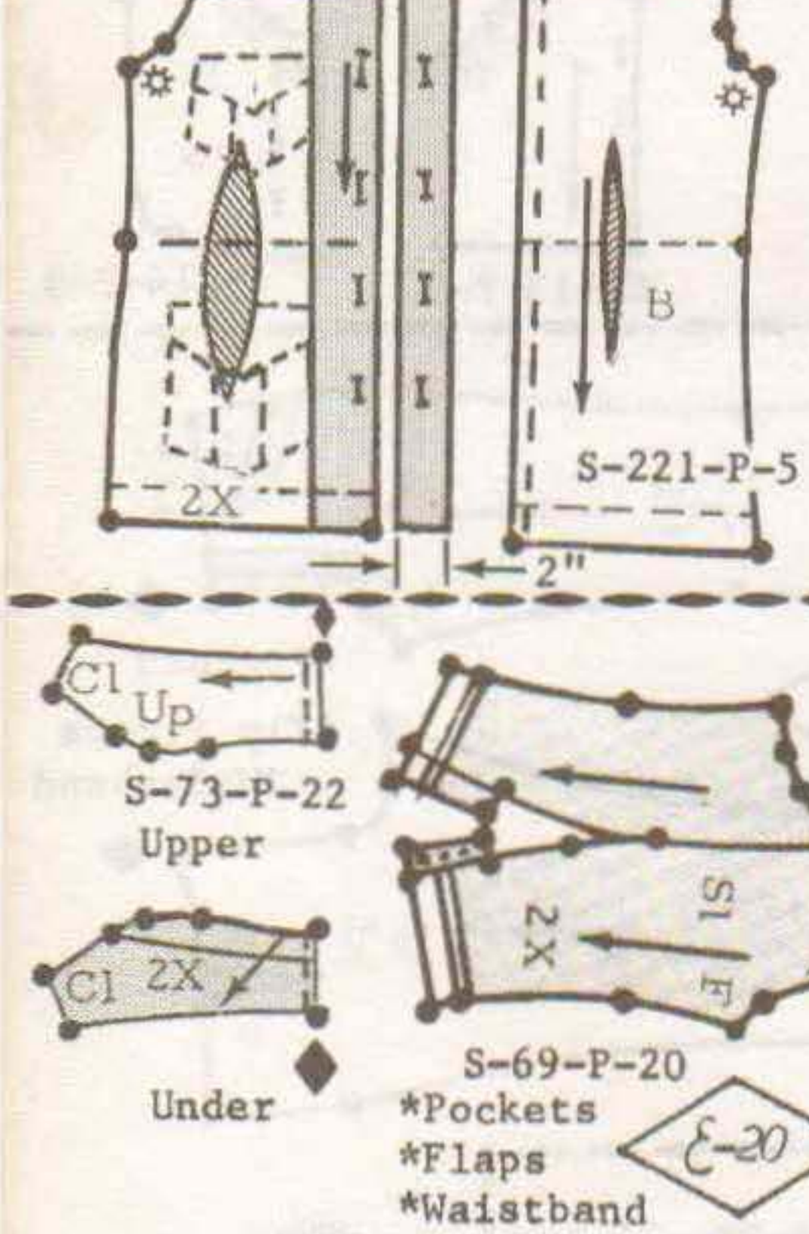
Sunburst VI-Ed-3

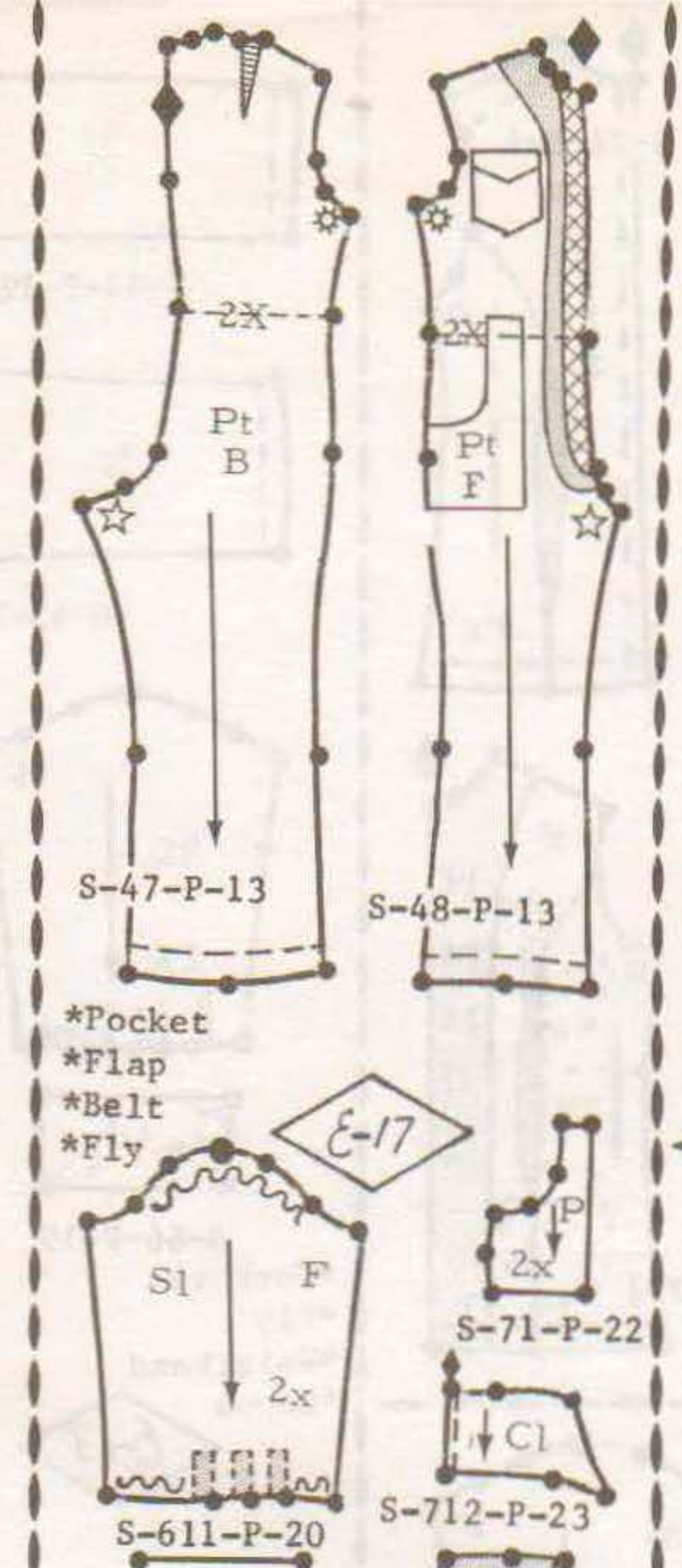


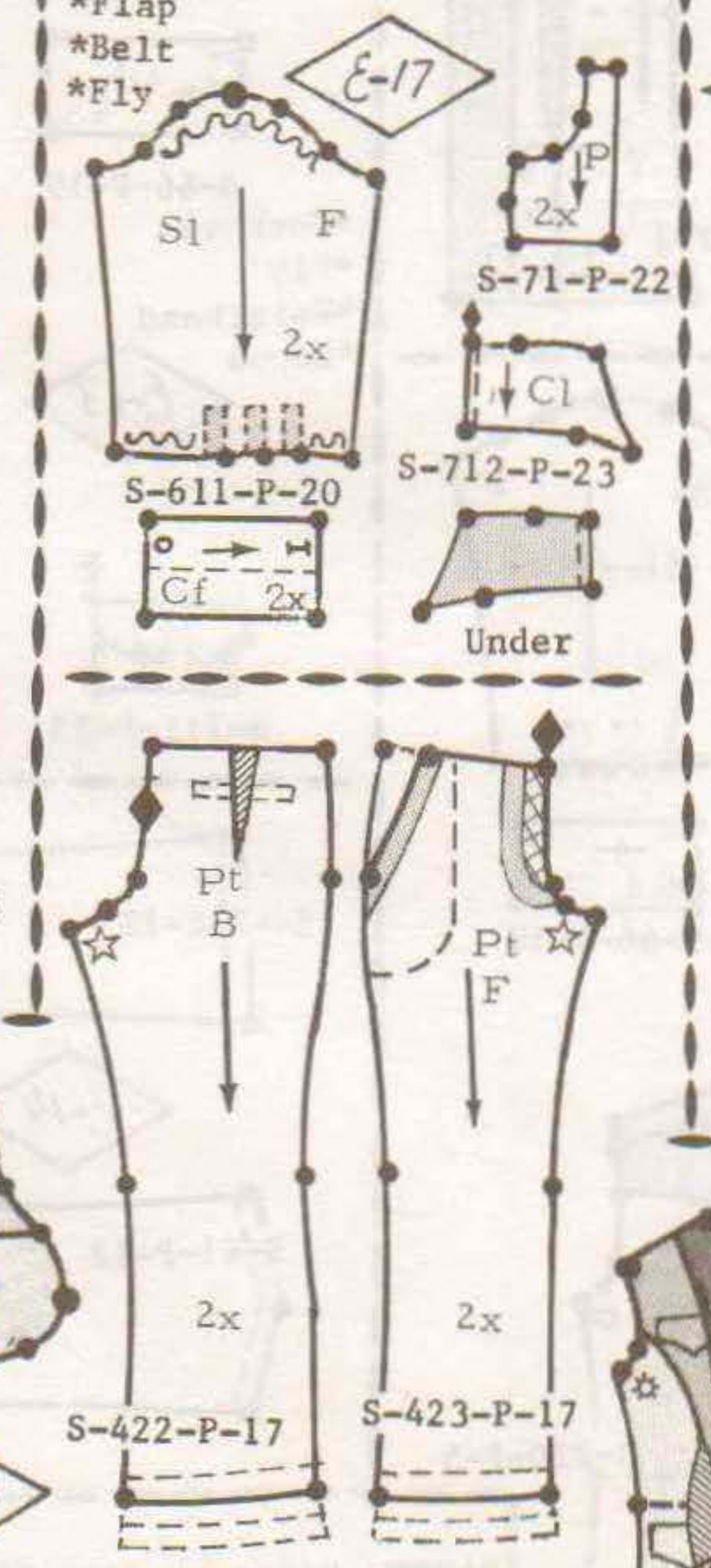


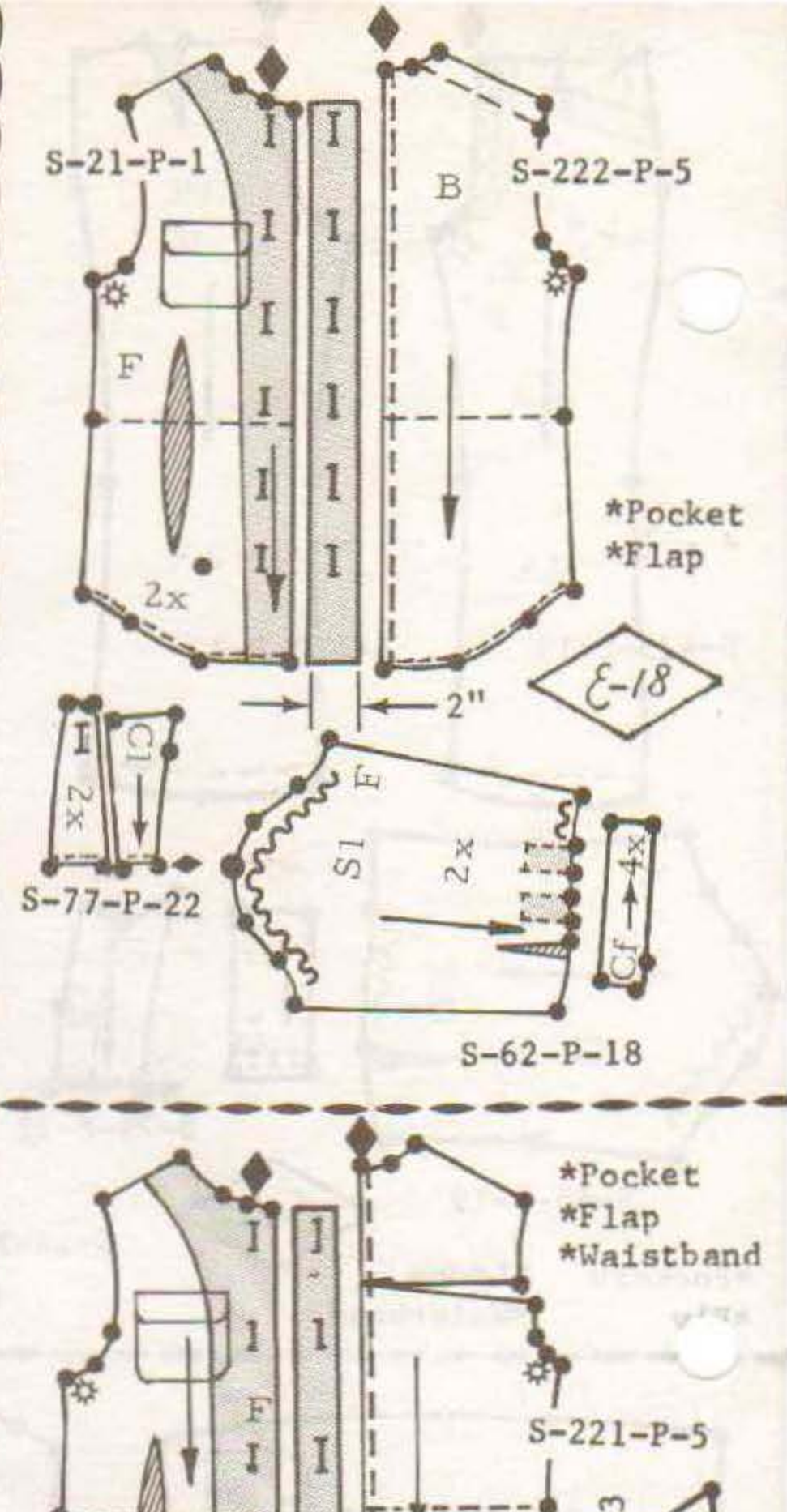


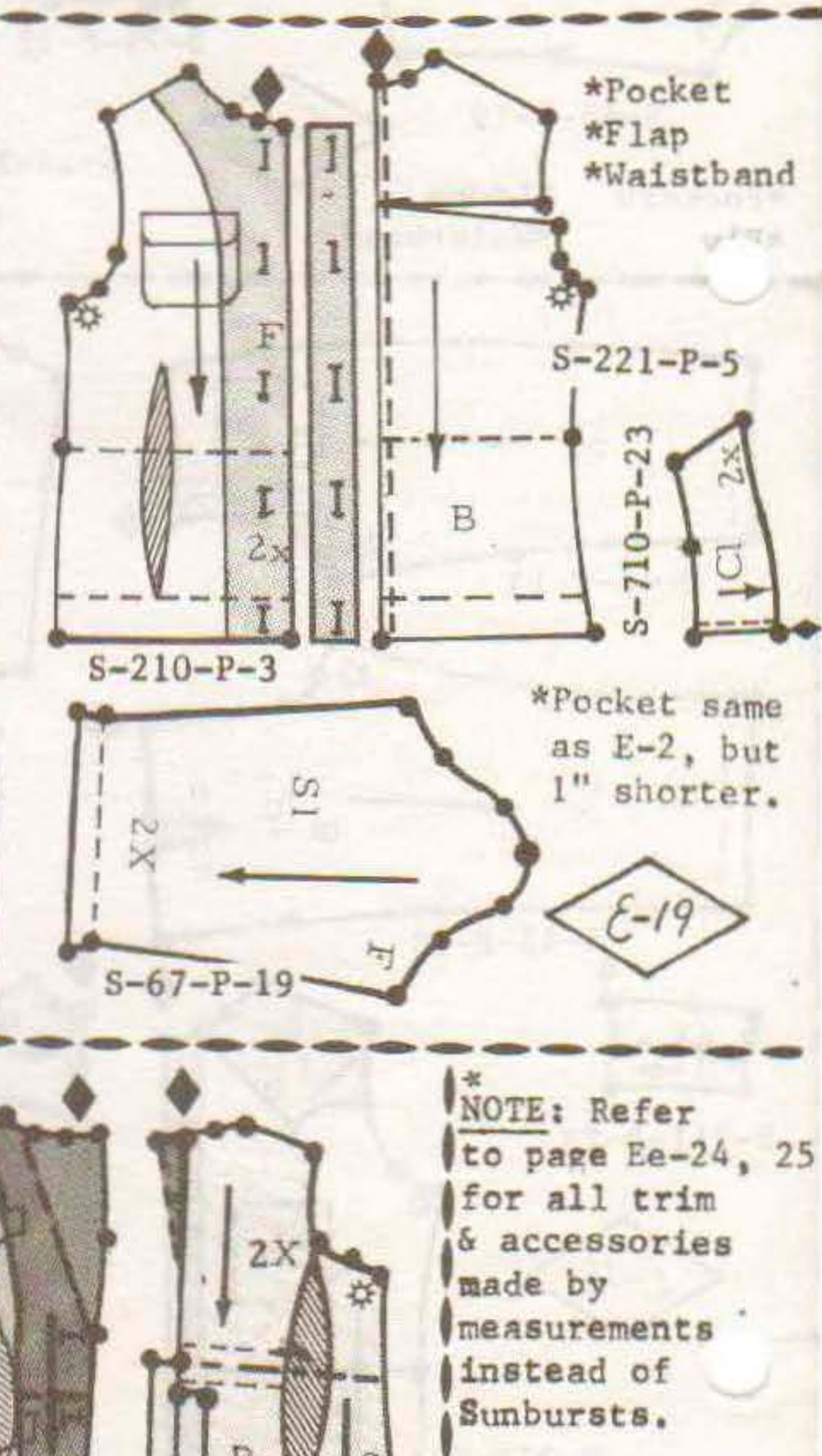


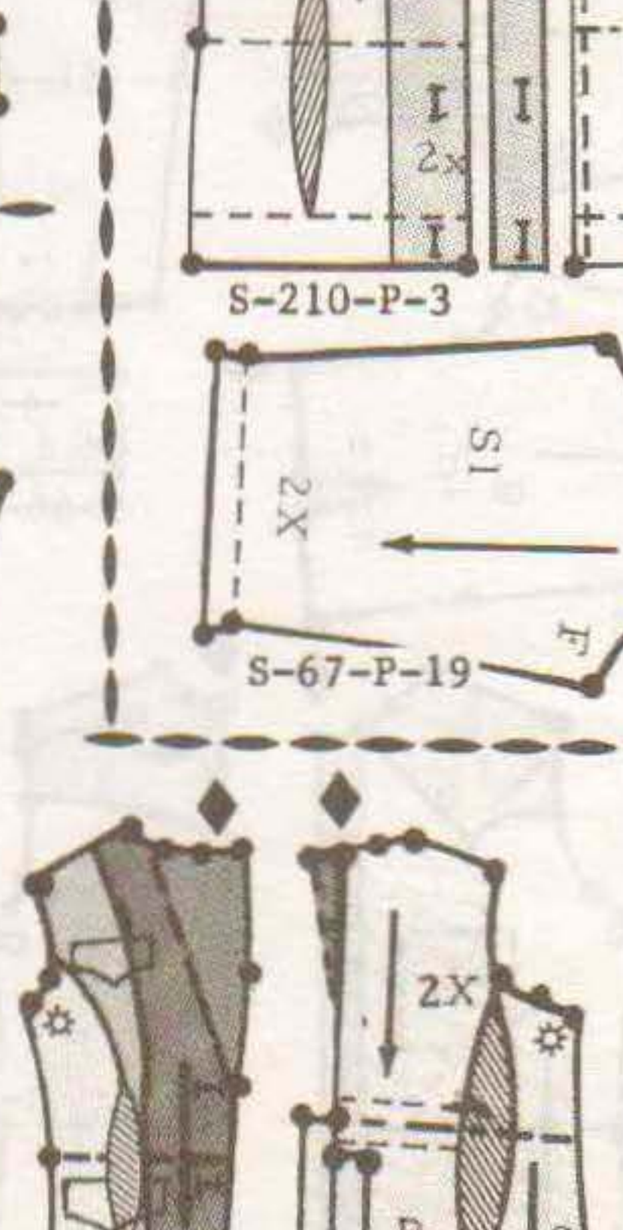




*NOTE: Refer to page Ee-24, 25 for all trim & accessories made by measurements instead of Sunbursts.

NOTE: For under collar, make pattern ¼" narrower in width

S-422-P-17

S-423-P-17

S-422-P-17

S-423-P-17

S-23-P-1

S-26-P-2

For knits only

E-21

*Pockets
*Belt
*Loops
*Fly
*Waistband

S-19-P-8

S-110-P-8

E-22

*Pockets
*Waistband
*Fly

S-18-P-8

E-23

Neck measurement + ½" easement.

S-68-P-19

*Loops
*Fly
*Pockets
*Waistband

S-612-P-20

S-17-P-8

* NOTE: Refer to page Ee-24. 25 for all trim and accessories made by measurements instead of Sunbursts.

S-45-P-13

S-46-P-13

S-410-P-14

S-49-P-14

*Pockets
*Casing

E-25

S-613-P-21

NOTE: For under collar, make pattern ⅛" narrower in width.

E-24

S-713-P-23

S-27-P-2

S-28-P-2

S-47-P-13

S-48-P-13

*Pockets
*Flaps
*Belt
*Loops

Under

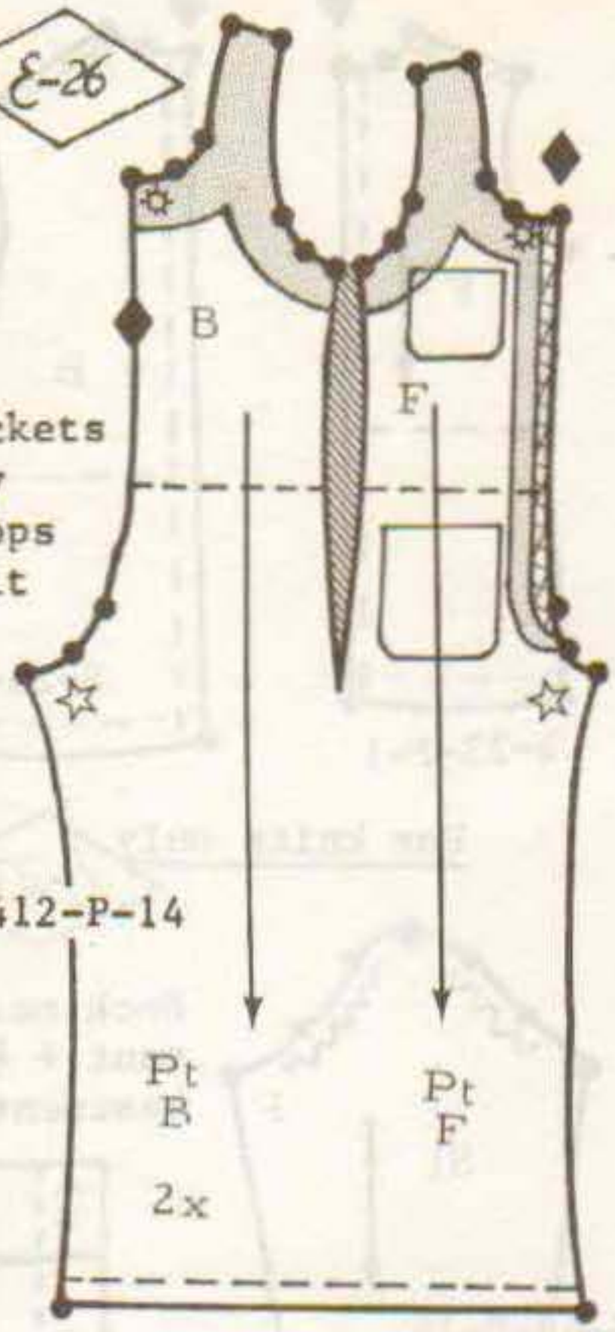
Upper

S-712-P-23

Sunburst VI-Ed-5

E-26

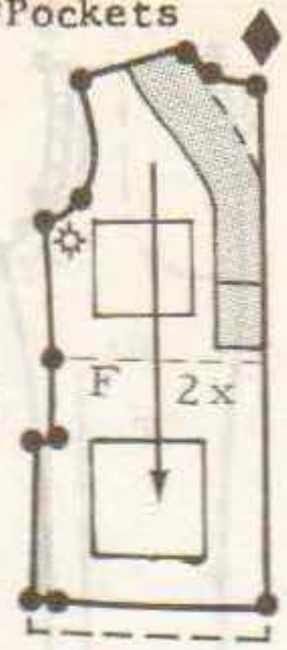
*Pockets
*Fly
*Loops
*Belt




S-412-P-14

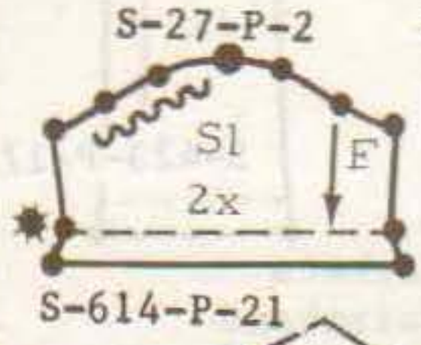



*Pockets




S-27-P-2

S-28-P-2




S-614-P-21

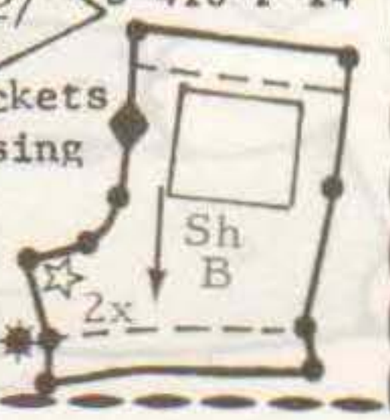
S-713-P-23

E-27

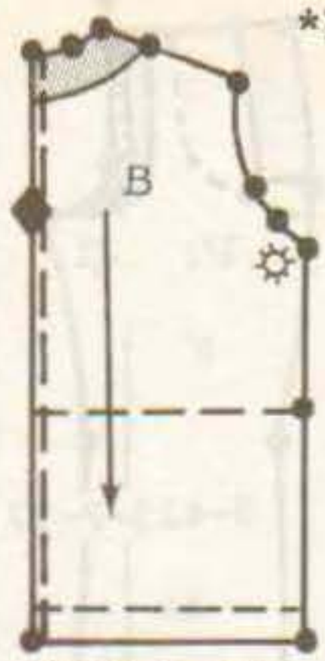
S-49-P-14

*Pockets
*Casing

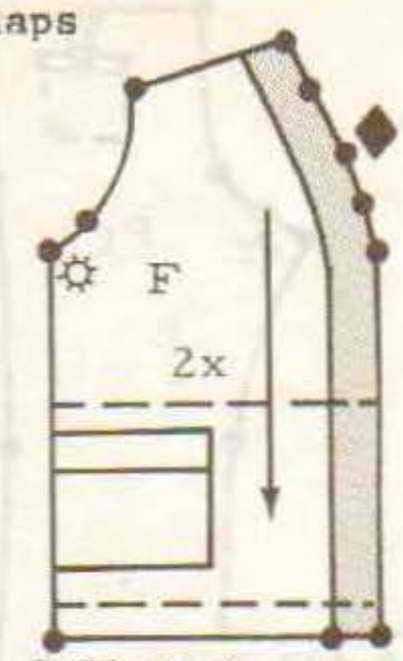
S-410-P-14




*Pockets
*Flaps



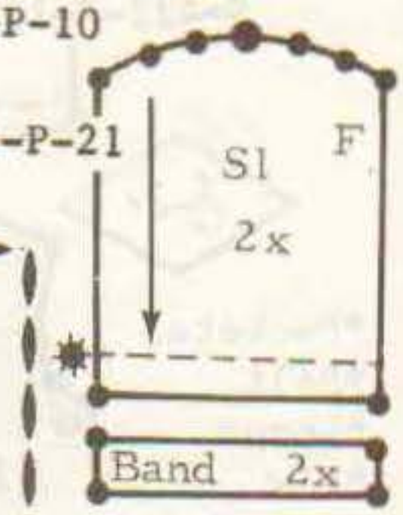

S-87-P-11

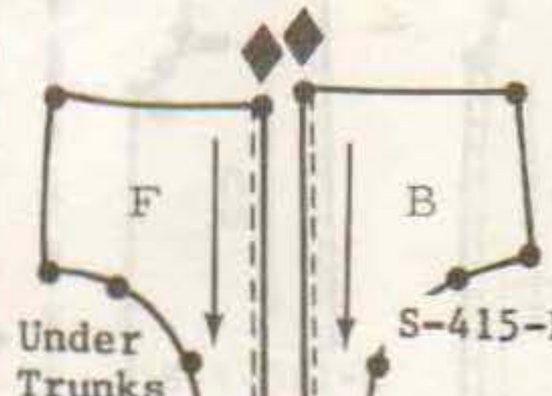



S-86-P-10

E-28

S-616-P-21




Under Trunks

S-415-P-15

S-416-P-15

S-418-P-15

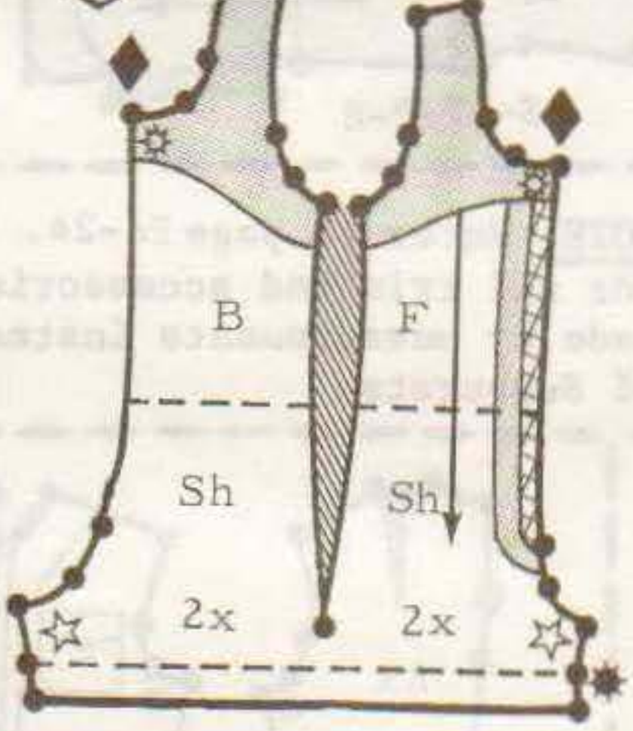
E-30

S-417-P-15

Under Trunks

E-32

S-412-P-14

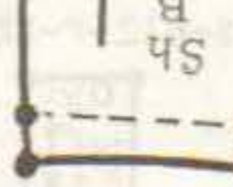



E-29

S-218-P-16

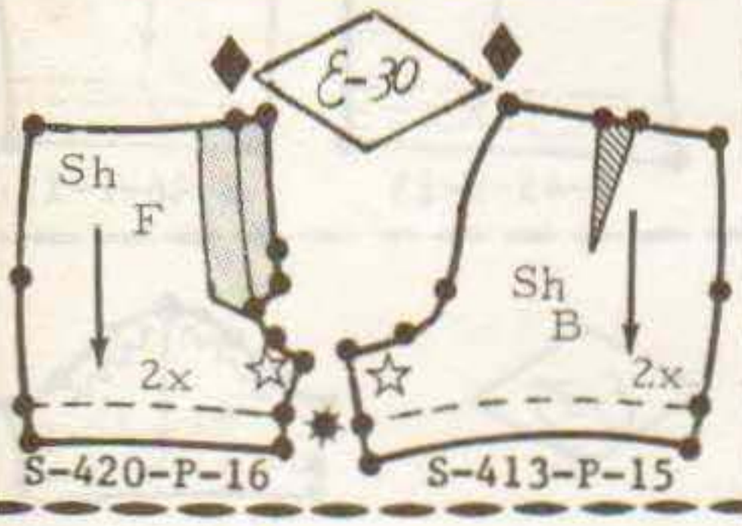
S-219-P-16

S-421-P-16



S-414-P-15

E-30




S-420-P-16

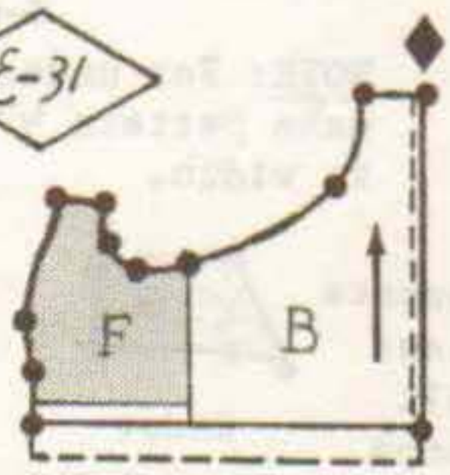
S-413-P-15

S-714-P-23

Under

NOTE: For under collar, make pattern ¼" narrower in width.

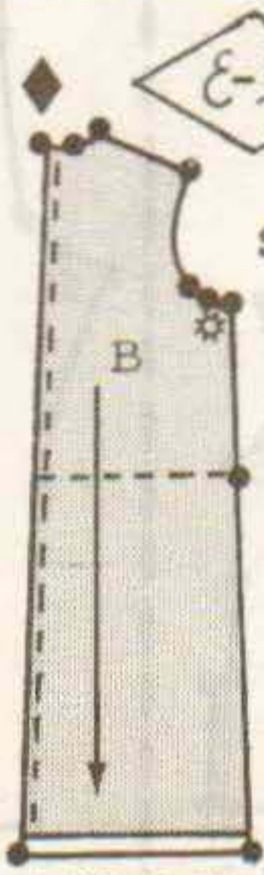
E-31




S-419-P-16

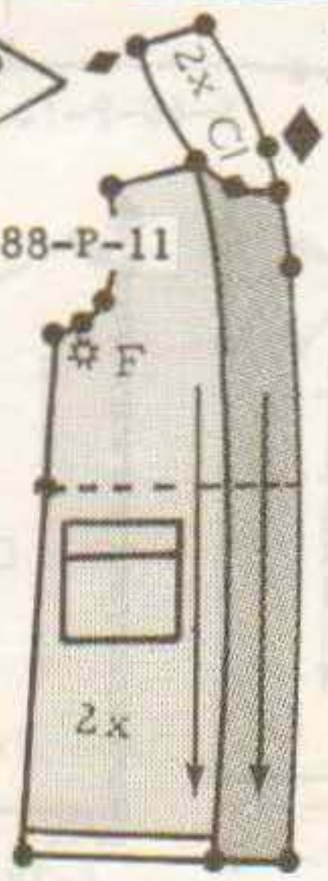
*NOTE: Refer to page Ee-24. 25 for all trim & accessories made by measurements instead of Sunbursts.

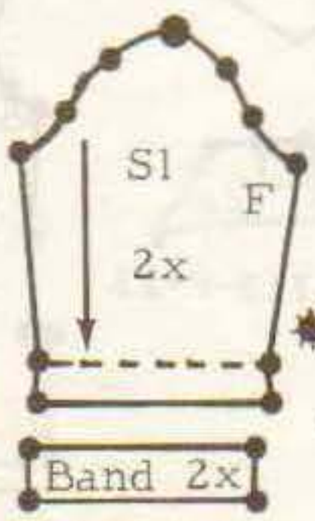
E-33




S-85-P-11

S-88-P-11




*Pocket
*Flap
*Sash
*Loop

*1½" hem allowed

S-617-P-21

Sunburst VI-Ed-6

E-34

*Pocket

F

2x

S-223-P-11

B

S-216-P-4

S-718-P-23

C1 2x

Pt

B & F

2x

S-411-P-14

S1

F

2x

S-615-P-21

E-35

*Pocket

F

S-215-P-4

2x

B

S-216-P-4

Pt

B & F

2x

S-411-P-14

S1

F

2x

S-615-P-21

Cf 2x

4x

Neckband

* NOTE: Refer to page Ee-24, 25 for all trim and accessories made by measurements instead of Sunbursts.

E-36

S-616-P-21

S1

F

2x

Band 2x

*Pocket
*Flap
*Sash
*Loops

B

S-87-P-11

F

2x

S-86-P-10

E-37

NOTE: For under collar, make pattern ¼" narrower in width

S-617-P-21

S1

F

2x

Band 2x

*Pocket
*Flap
*Sash
*Loops

B

S-85-P-11

Under

C1 2x

2x C1

S-714-P-23

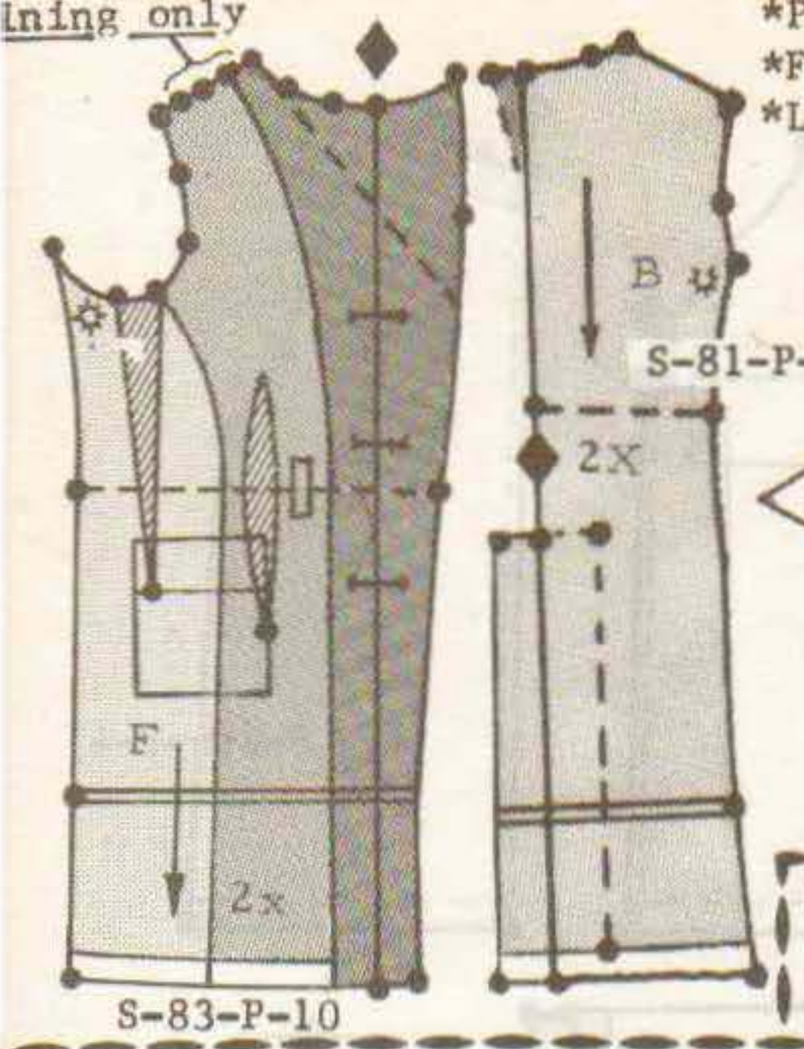
F

2x

S-88-P-11

Sunburst VI-Ed-7

Lining only

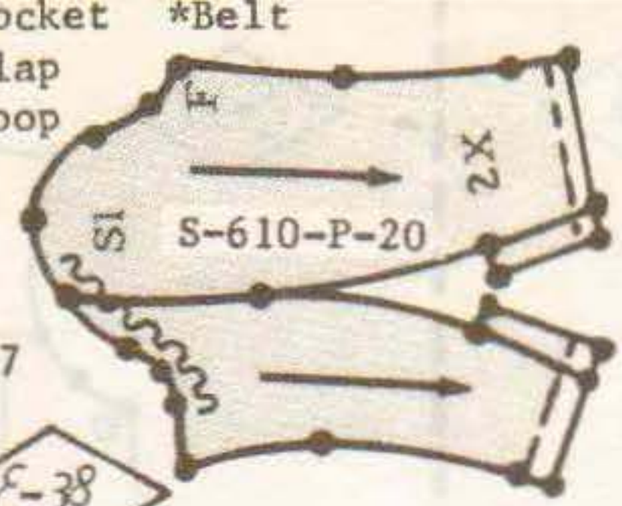



S-83-P-10




S-81-P-7

*Pocket *Belt
*Flap
*Loop




S-610-P-20

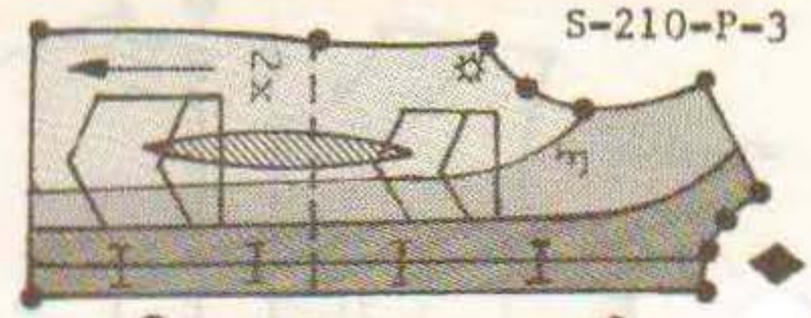
E-38

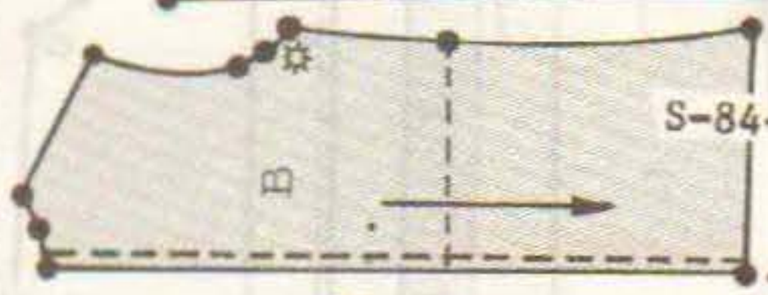
S-73-P-22

Under*

*NOTE: For under collar, make pattern ½" narrower in width.

S-210-P-3



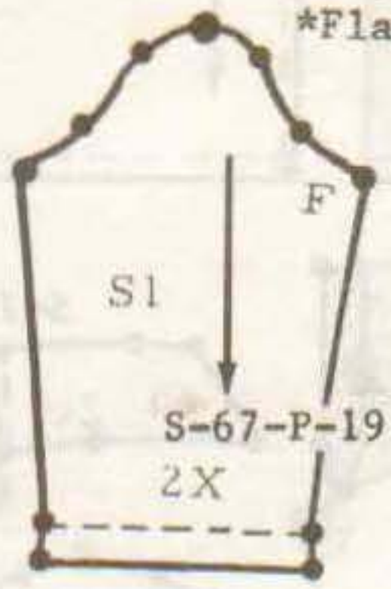




S-84-P-10

*Pocket
*Flap

E-39

S-73-P-22



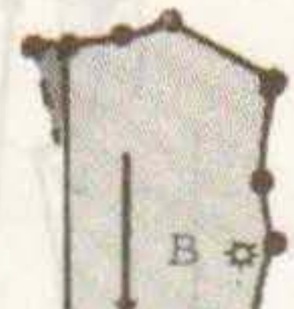

S-67-P-19

Under*

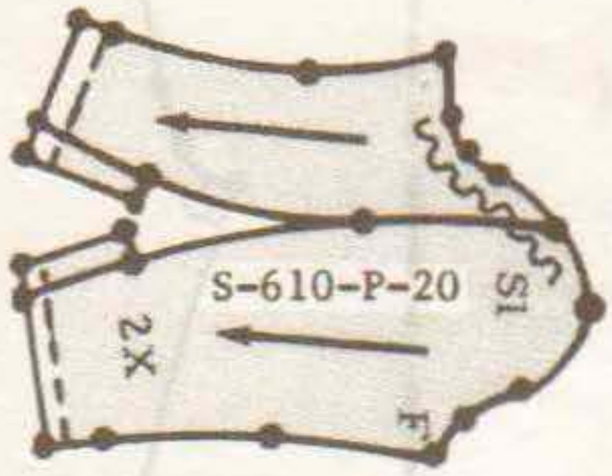
*NOTE: Refer to page Ee-24, 25 for all trim and accessories made by measurements instead of Sunbursts.

Lining only

S-83-P-10



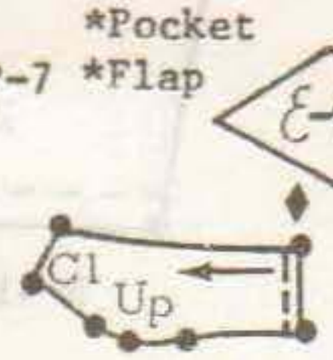

S-81-P-7



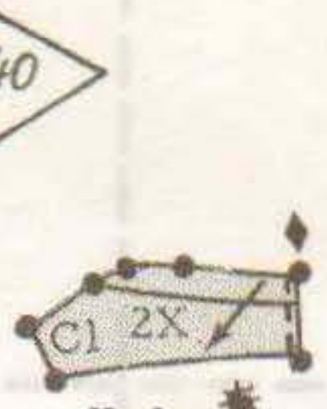

S-610-P-20

*Pocket
*Flap

E-40

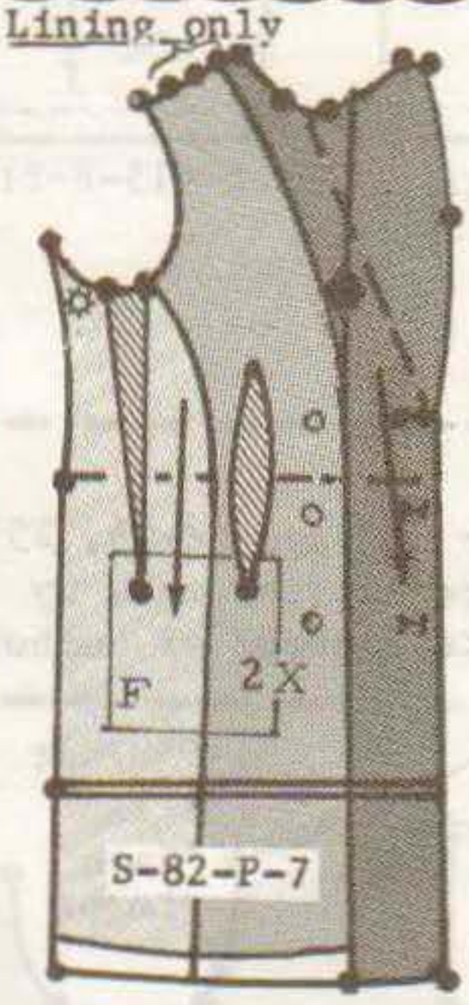



S-73-P-22

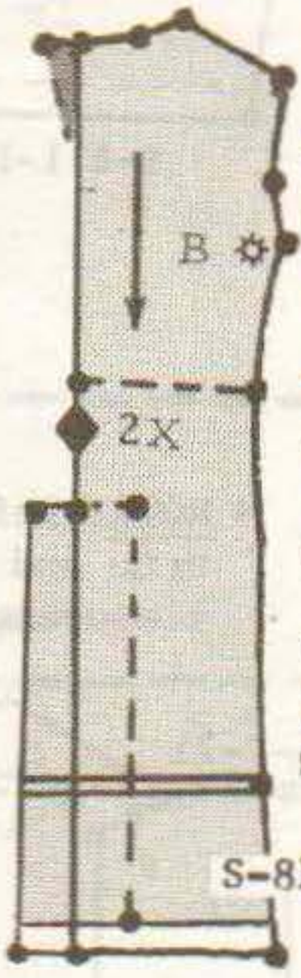



Under*

Lining only

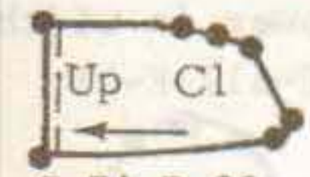



S-82-P-7

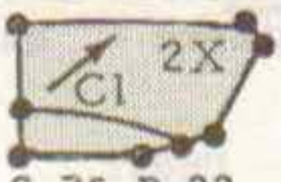



S-81-P-7

Note 2—For facing add ½" to point and taper into waist and center front.

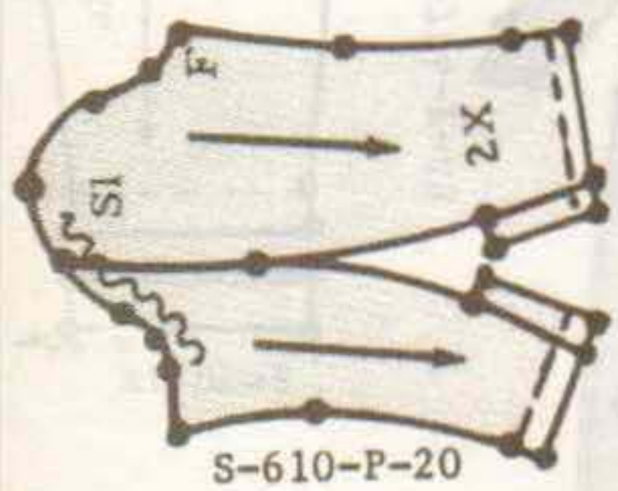



S-74-P-22




S-75-P-22

Under

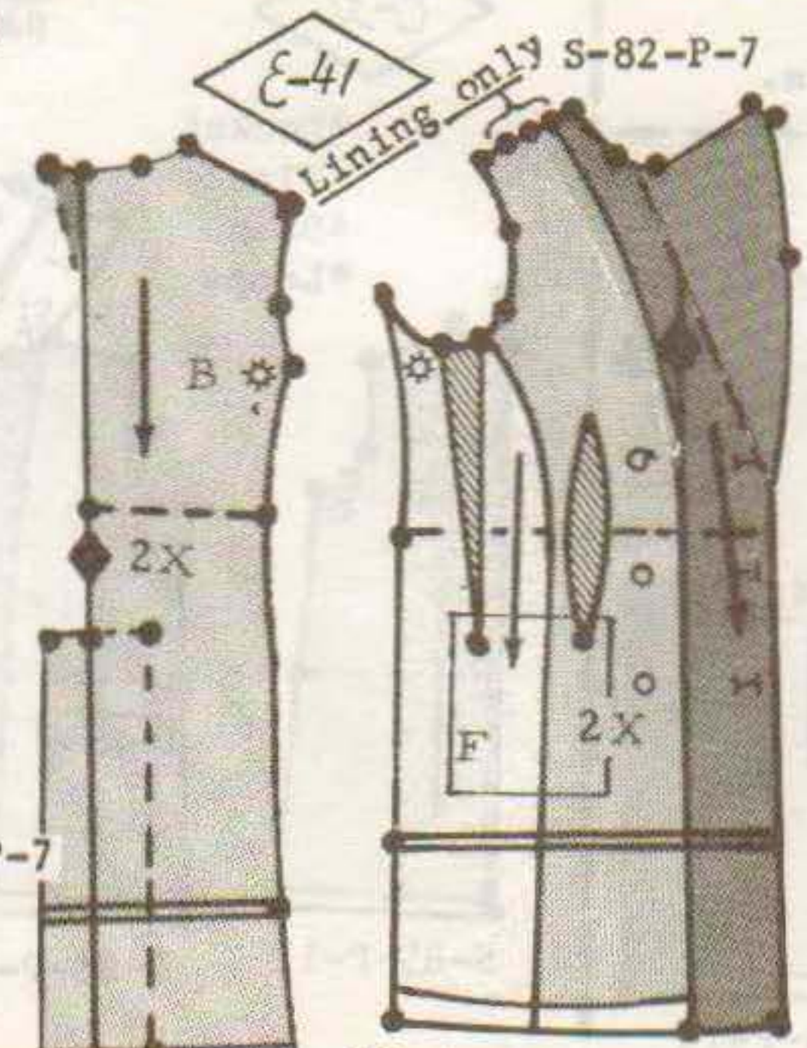



S-610-P-20

See Note 2

E-41

Lining only S-82-P-7

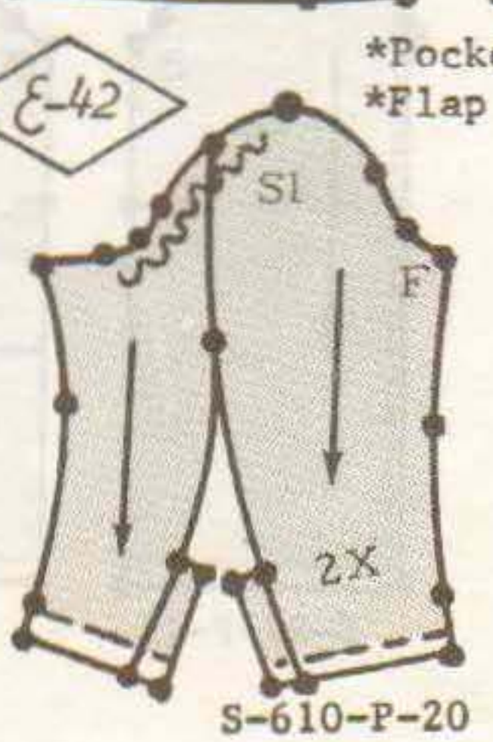



S-81-P-7

*Pockets
*Flap

*Pocket
*Flap

E-42

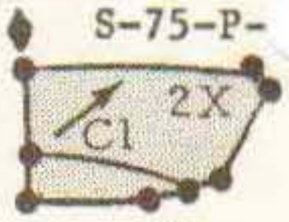



S-610-P-20

S-74-P-22

Upper

S-75-P-

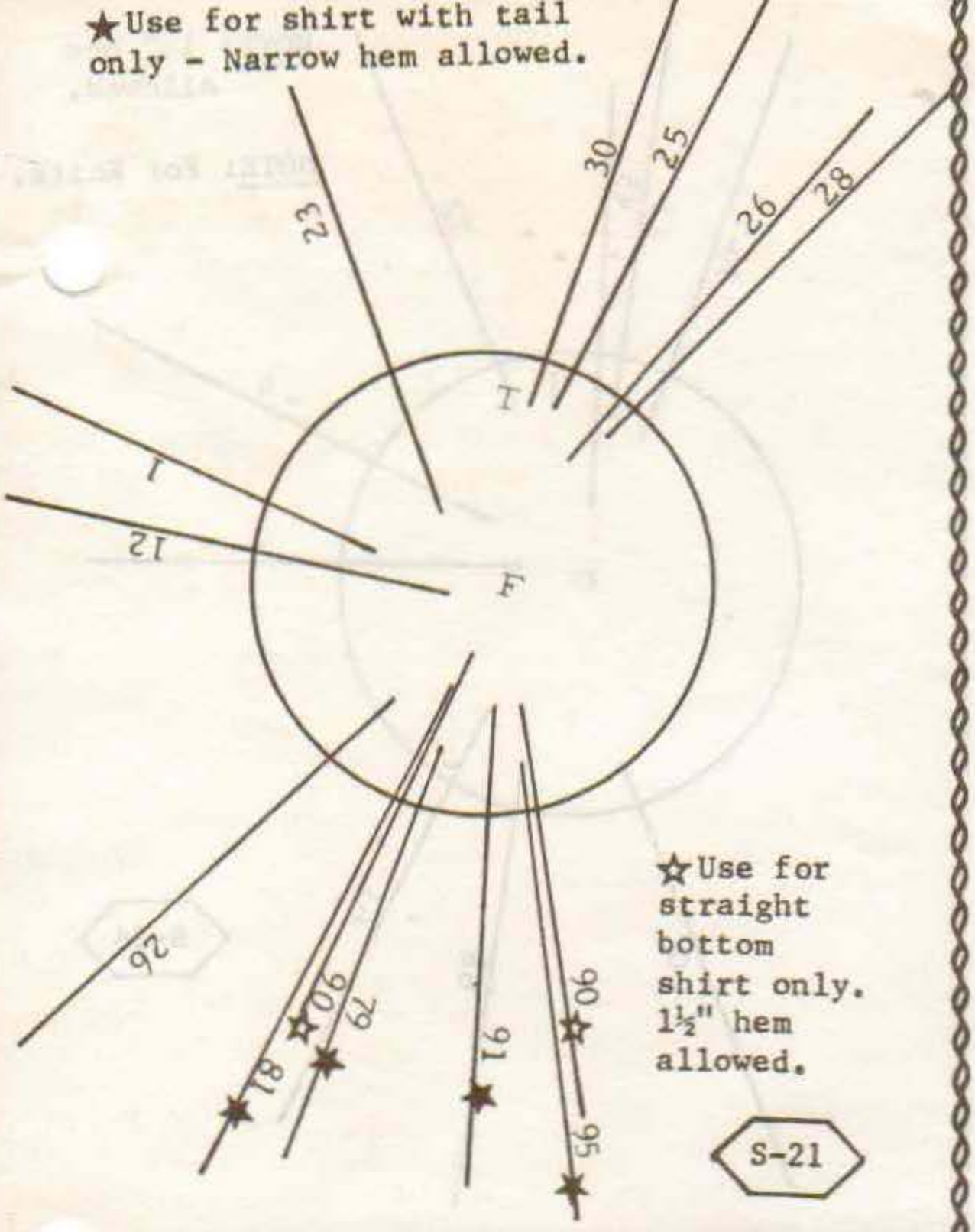



Under*

Sunburst VI-Ed-8

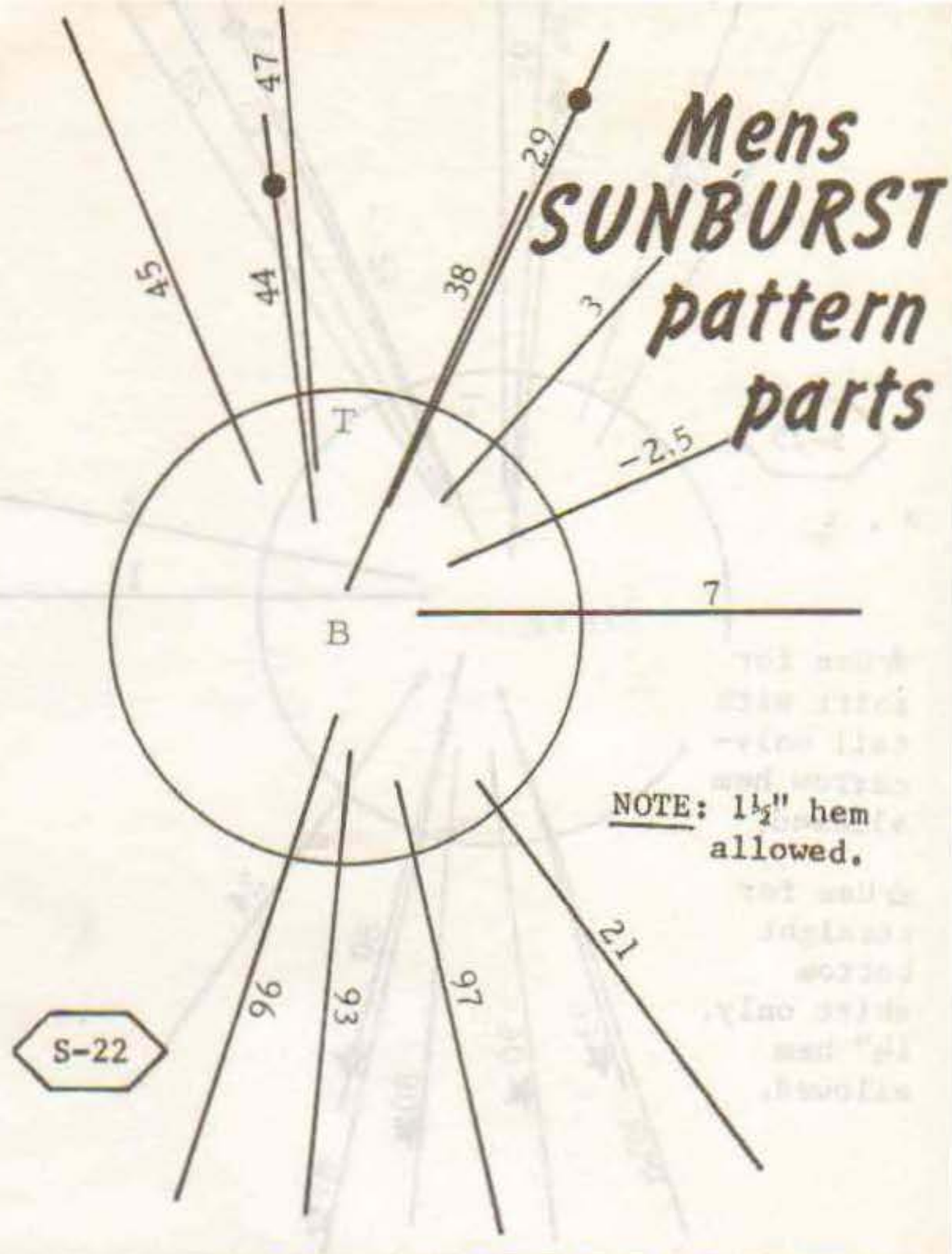
# Mens SUNBURST pattern parts

★Use for shirt with tail only - Narrow hem allowed.




☆Use for straight bottom shirt only. 1½" hem allowed.

S-21

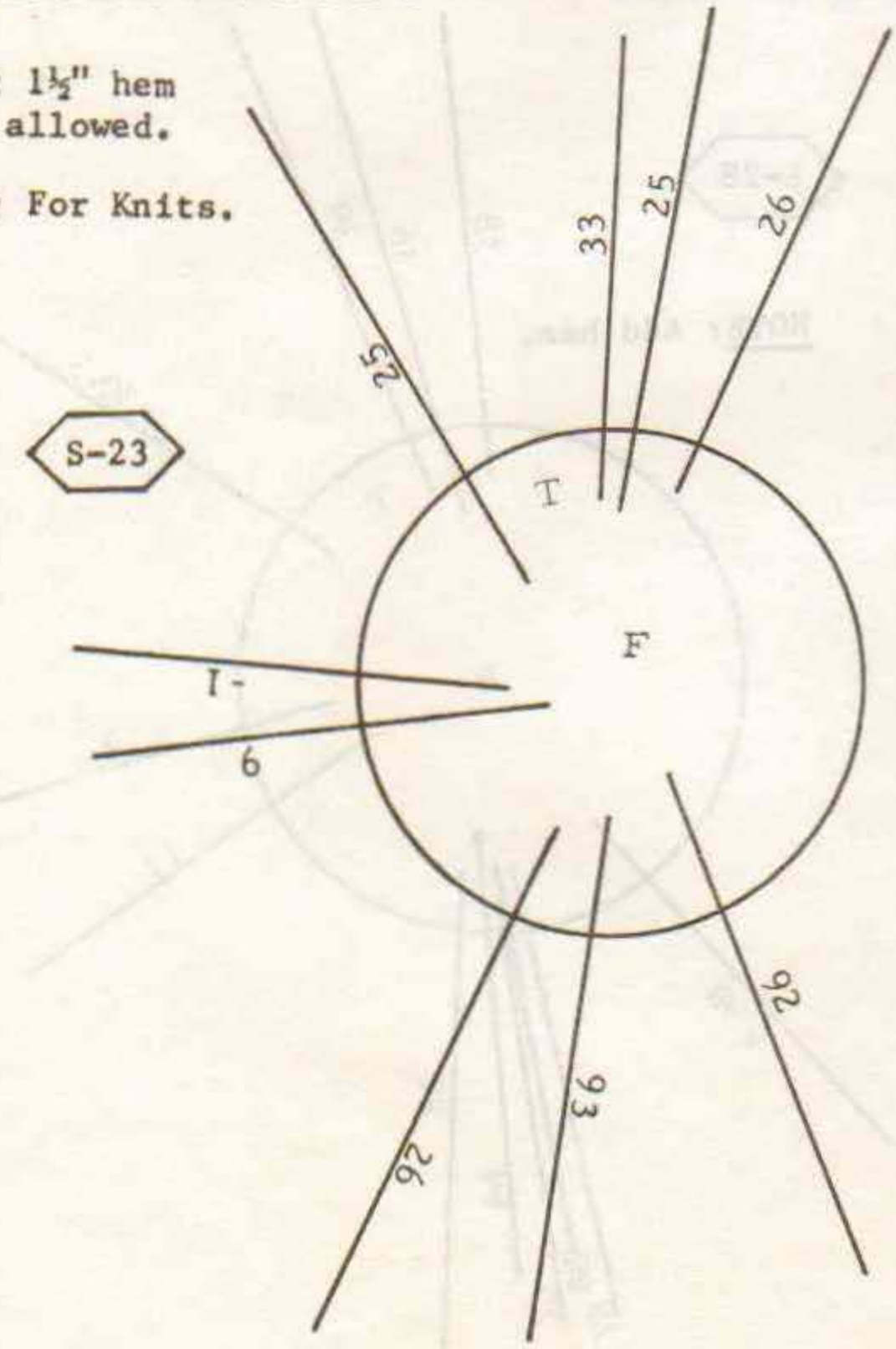



NOTE: 1½" hem allowed.

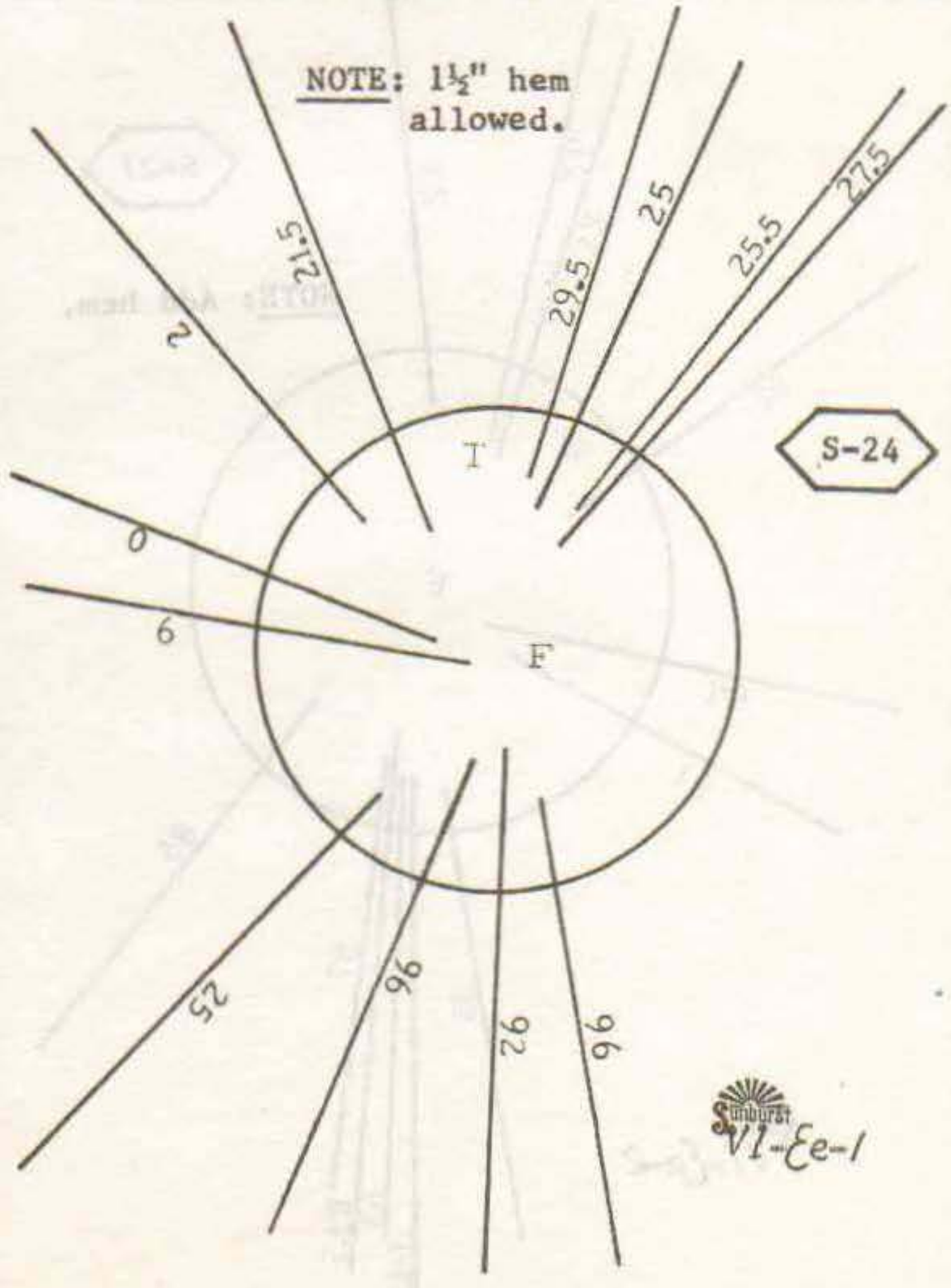
S-22

NOTE: 1½" hem allowed.

NOTE: For Knits.

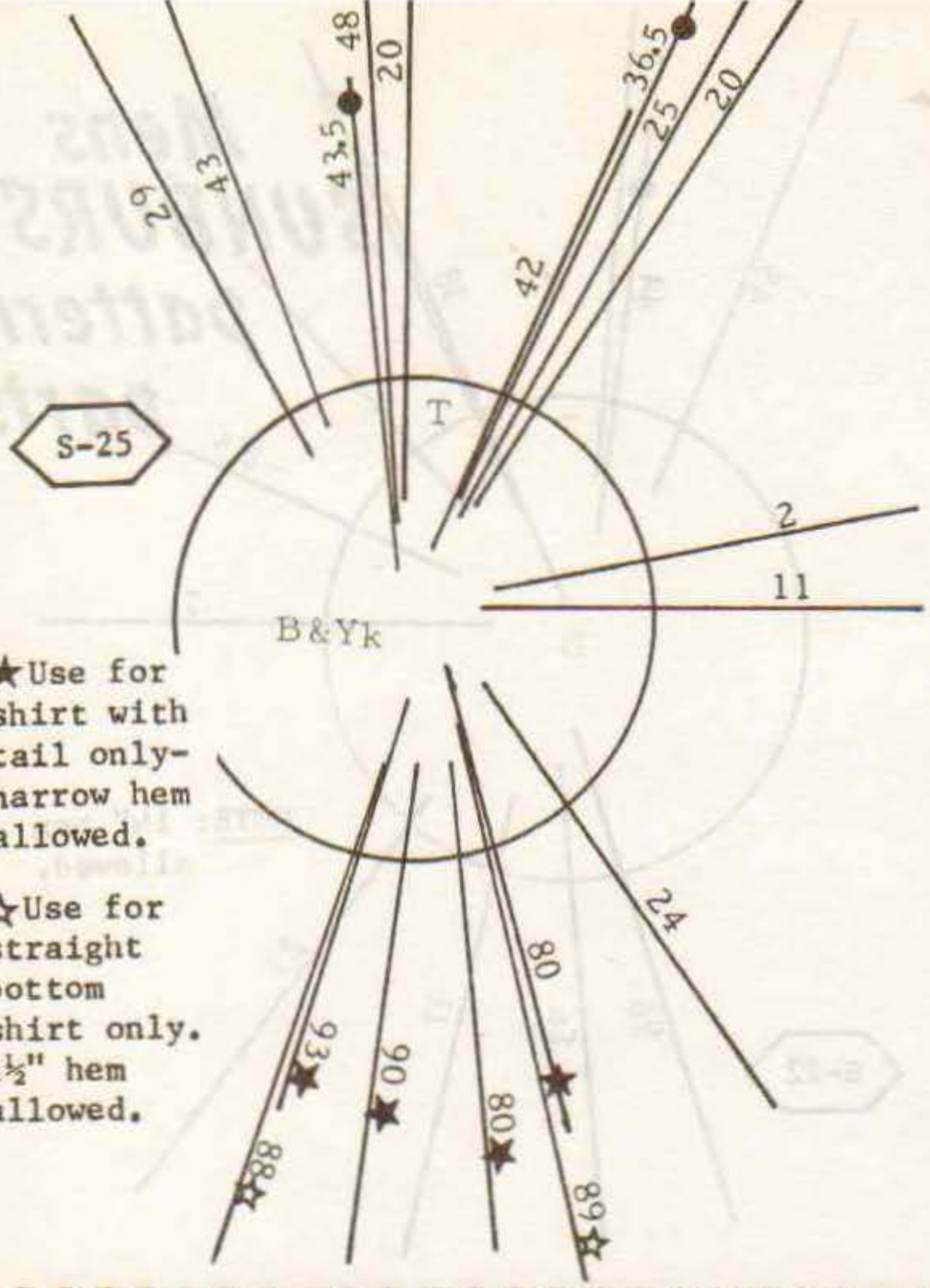



S-23




S-24

Sunburst VI-Ee-1

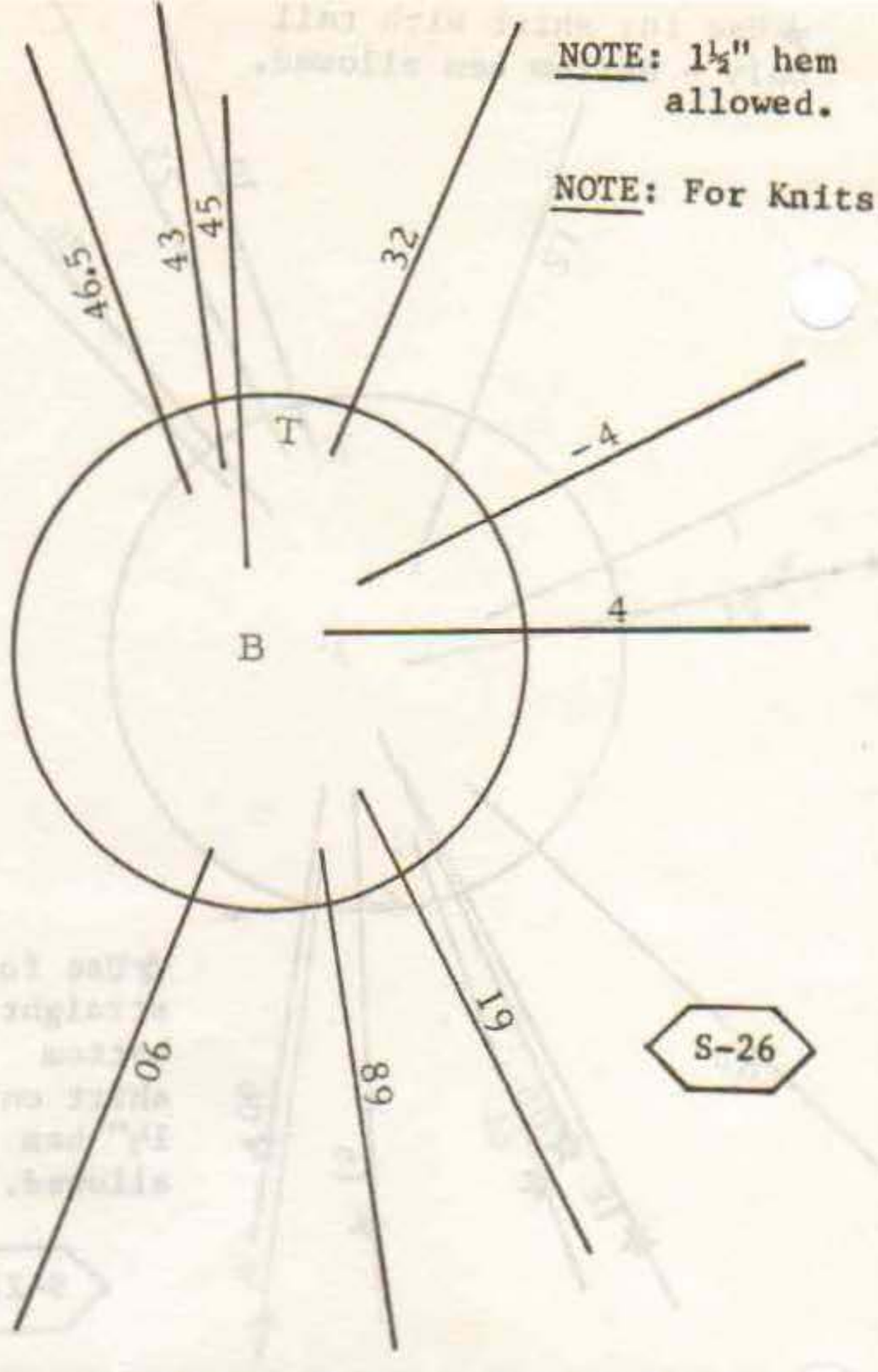


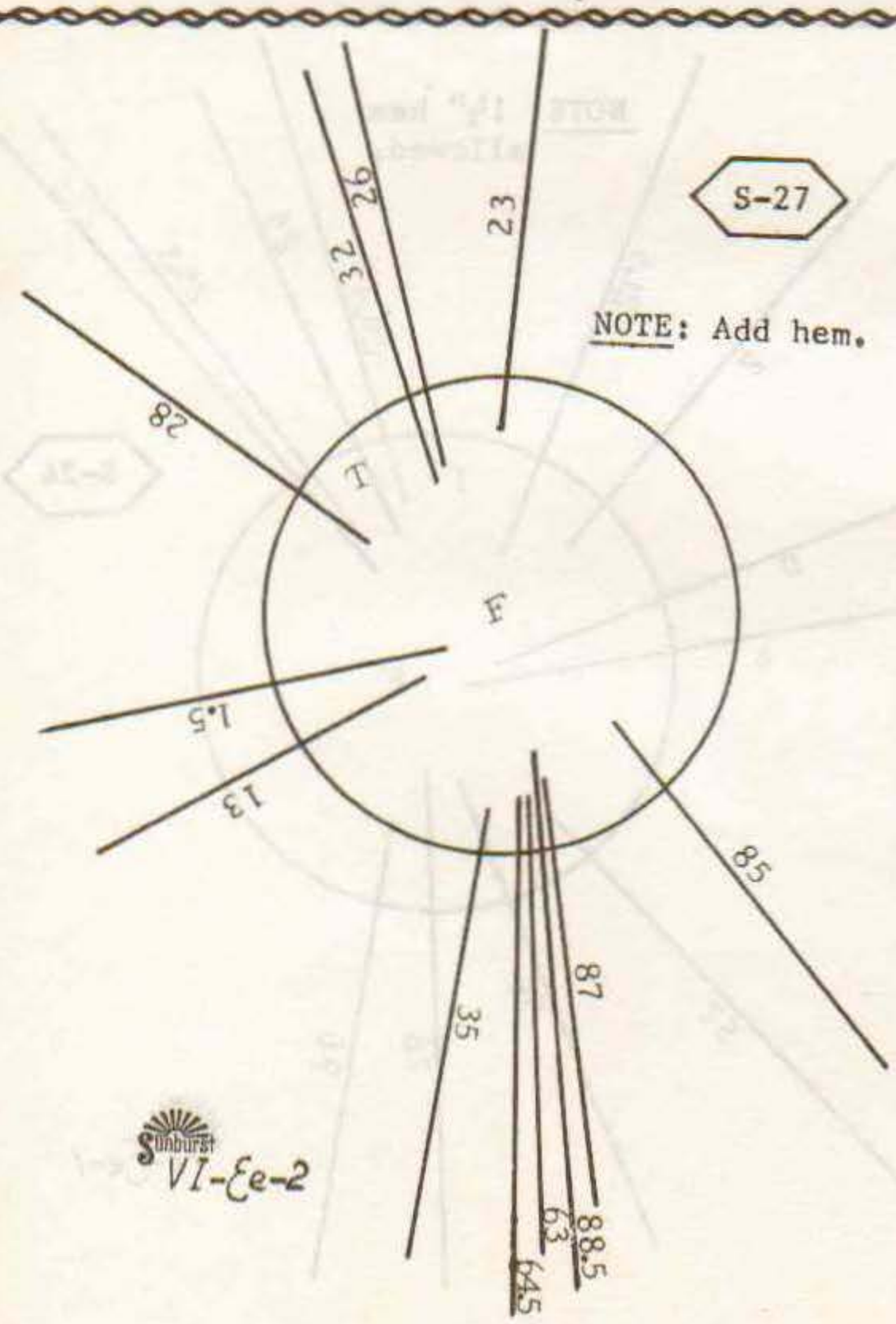

★Use for shirt with tail only-narrow hem allowed.

☆Use for straight bottom shirt only. 1½" hem allowed.

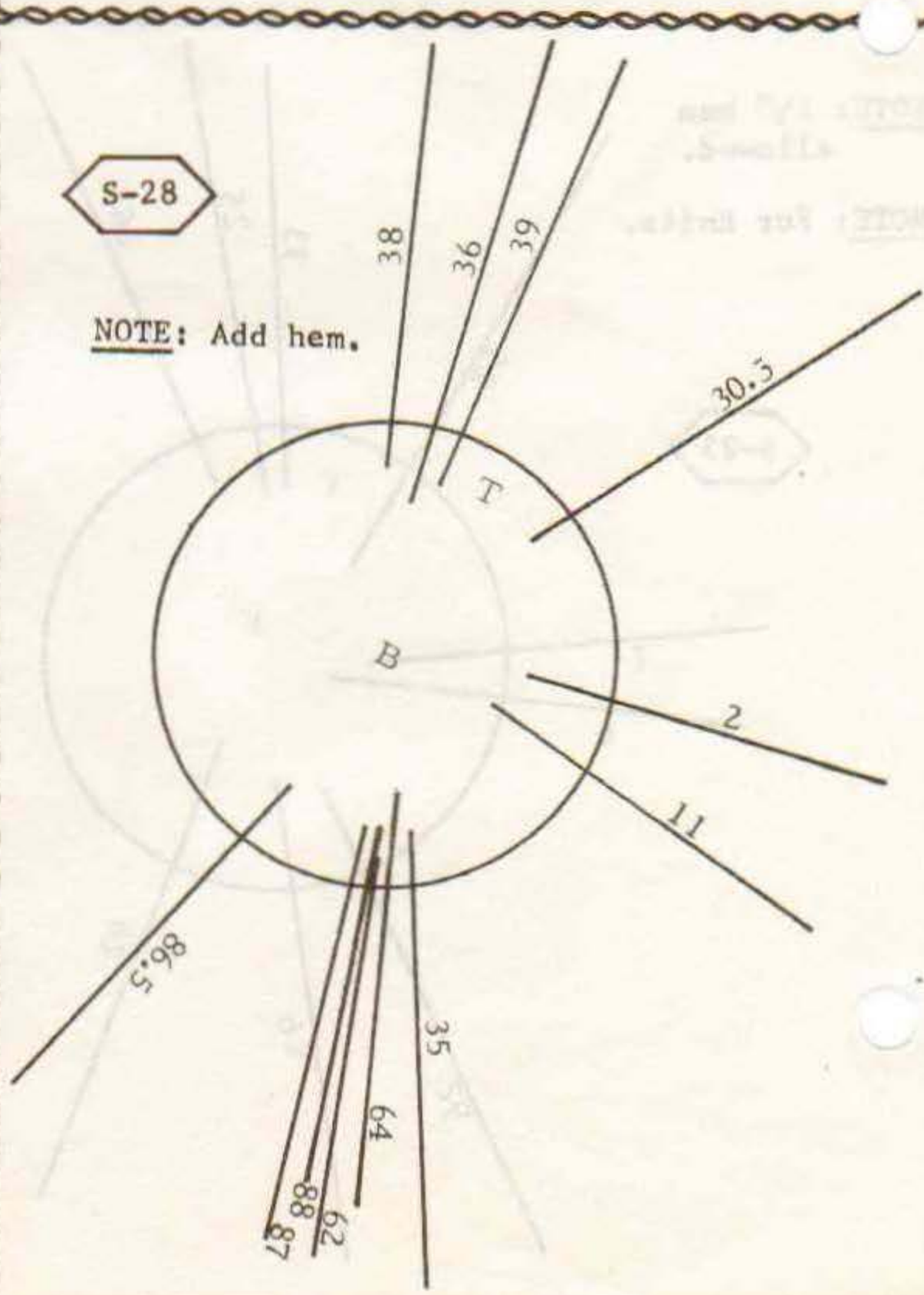
NOTE: 1½" hem allowed.

NOTE: For Knits.



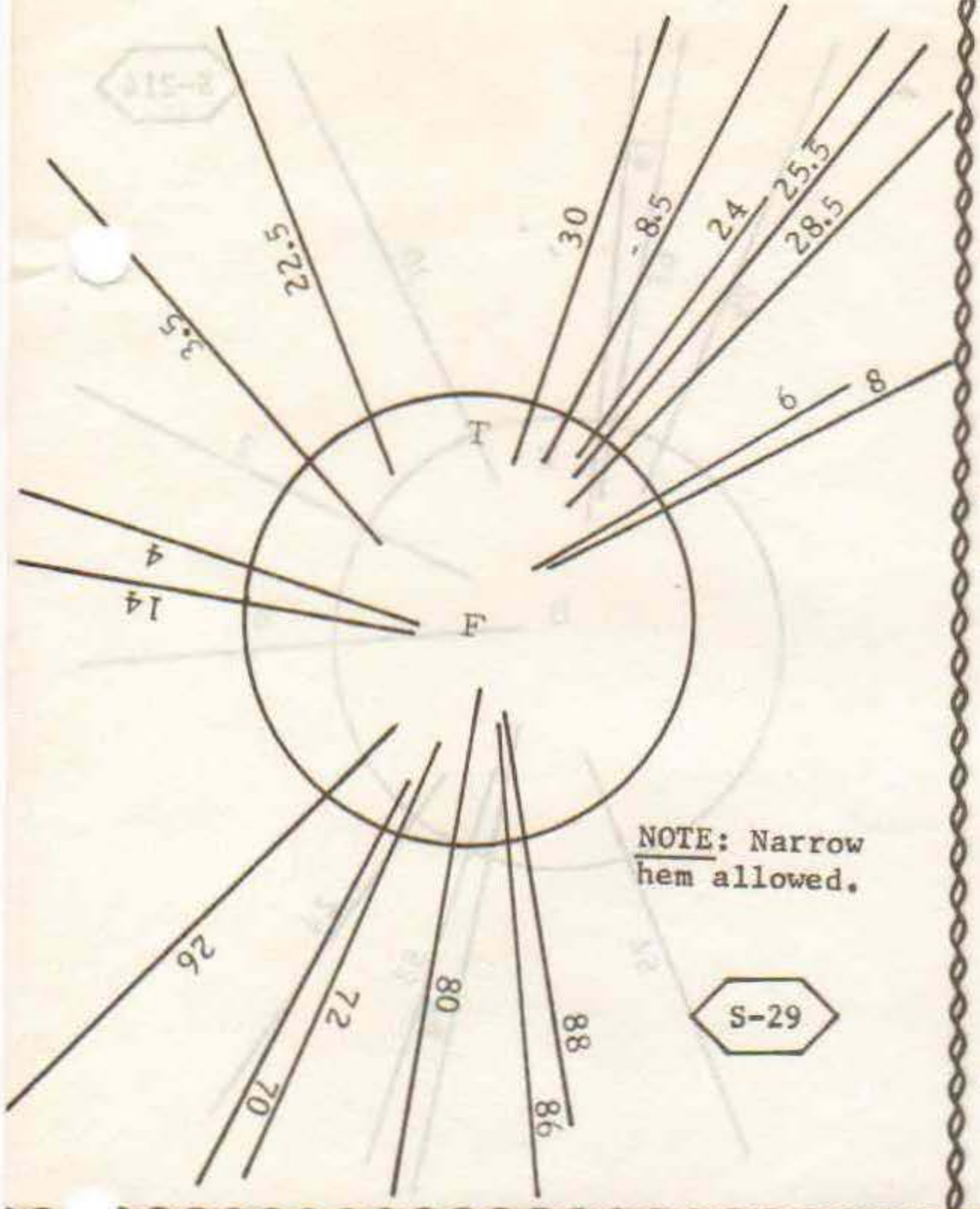




NOTE: Add hem.

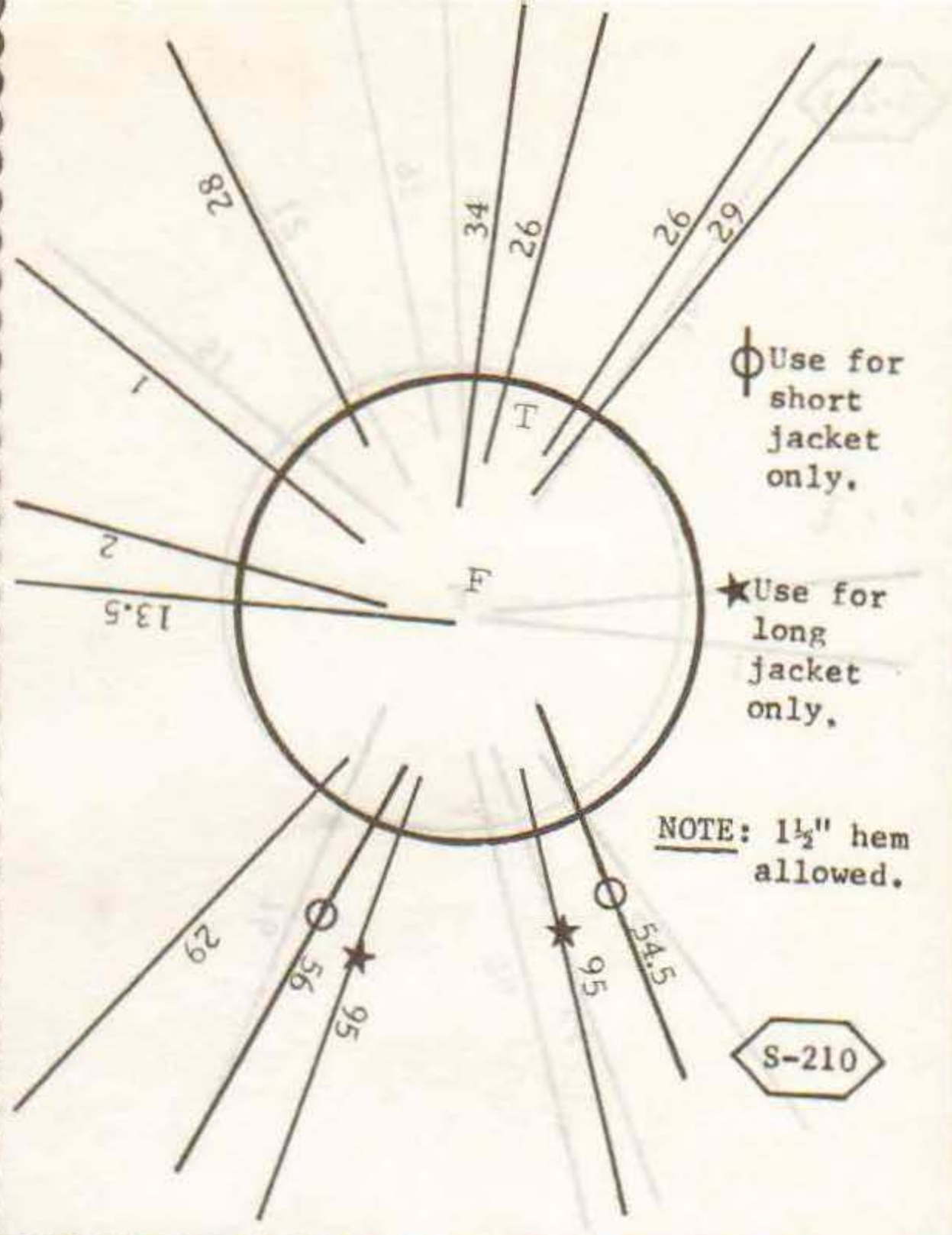



NOTE: Add hem.

Sunburst VI-Ee-2



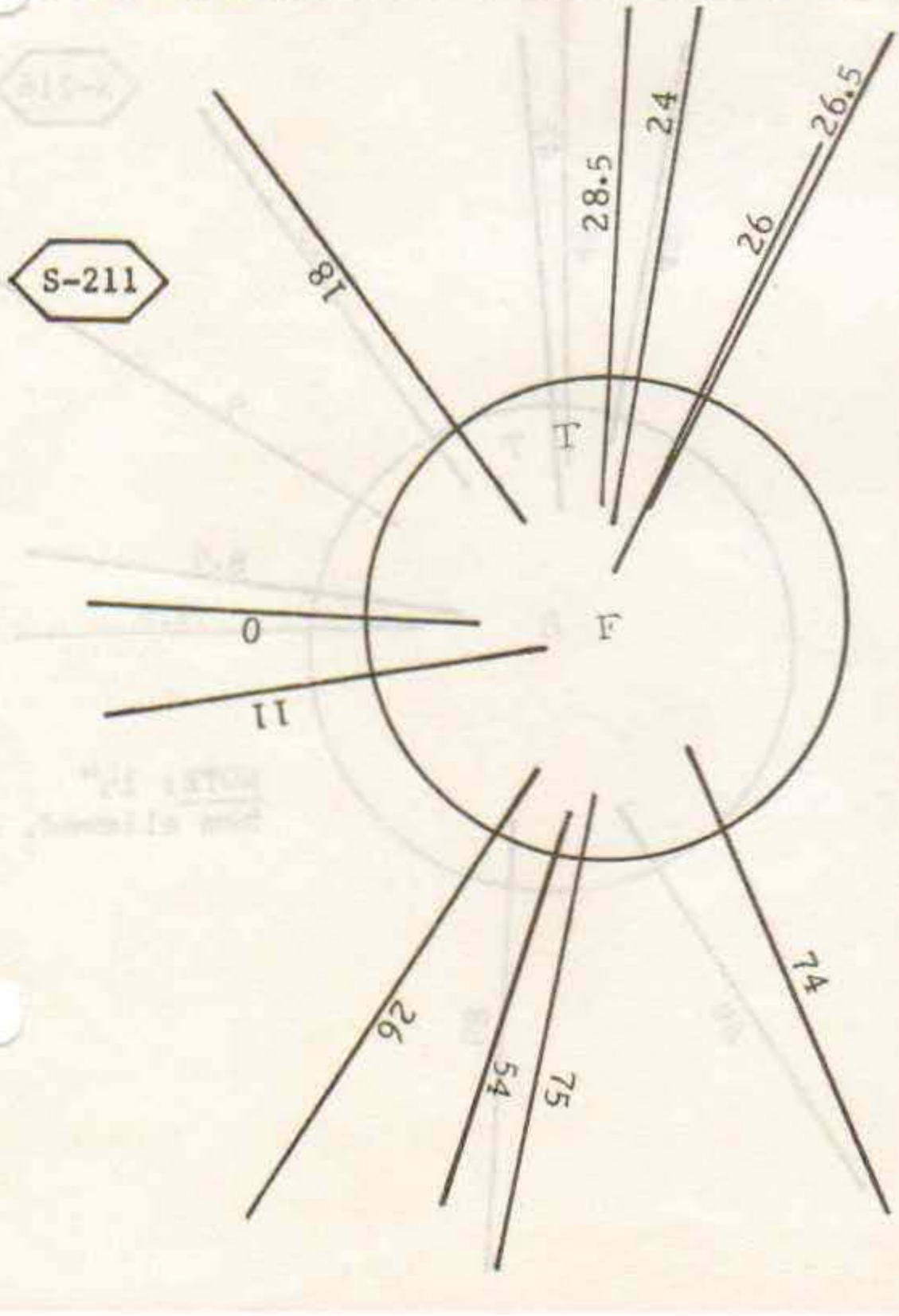

NOTE: Narrow hem allowed.

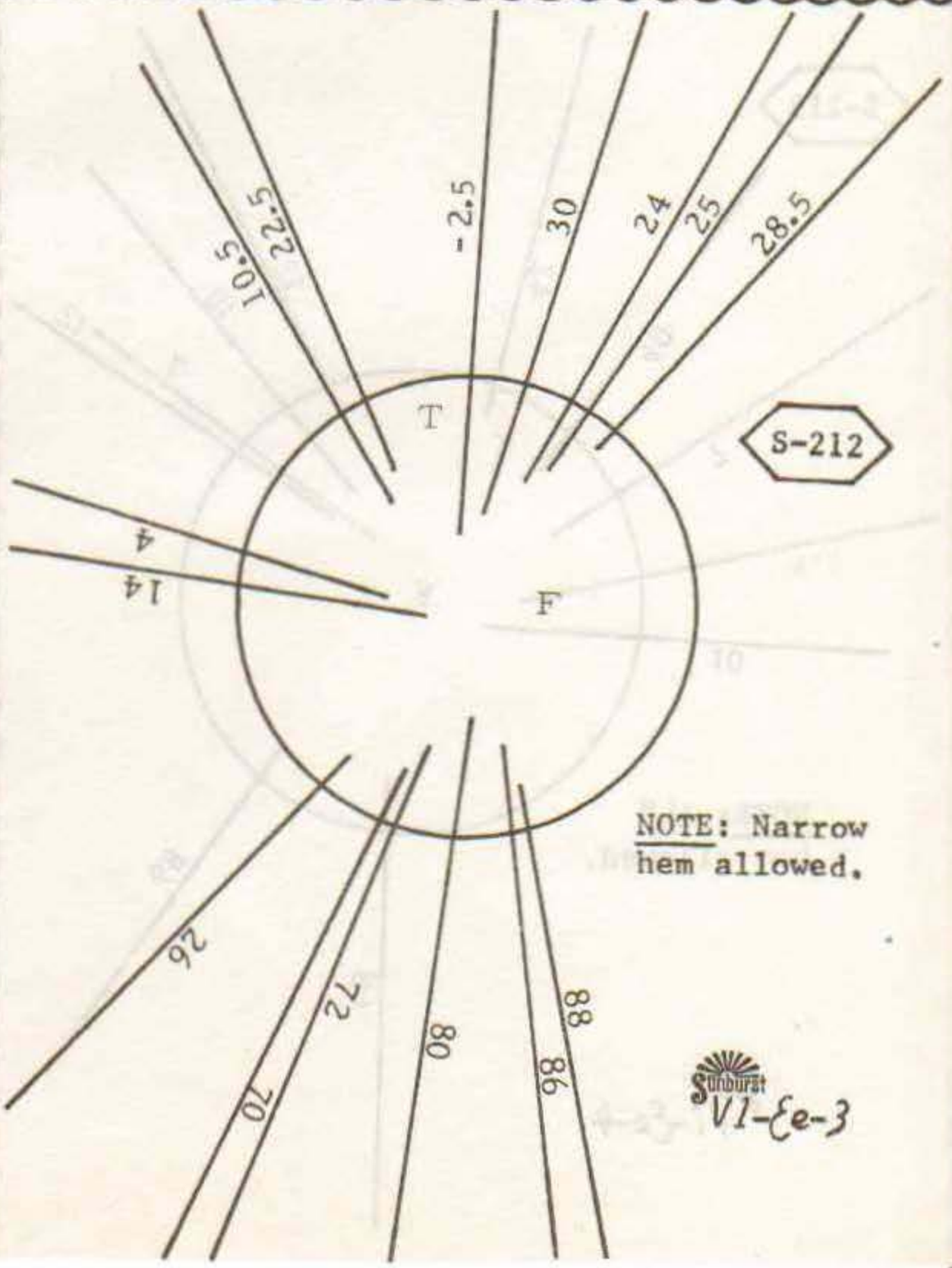



Use for short jacket only.

★Use for long jacket only.

NOTE: 1½" hem allowed.

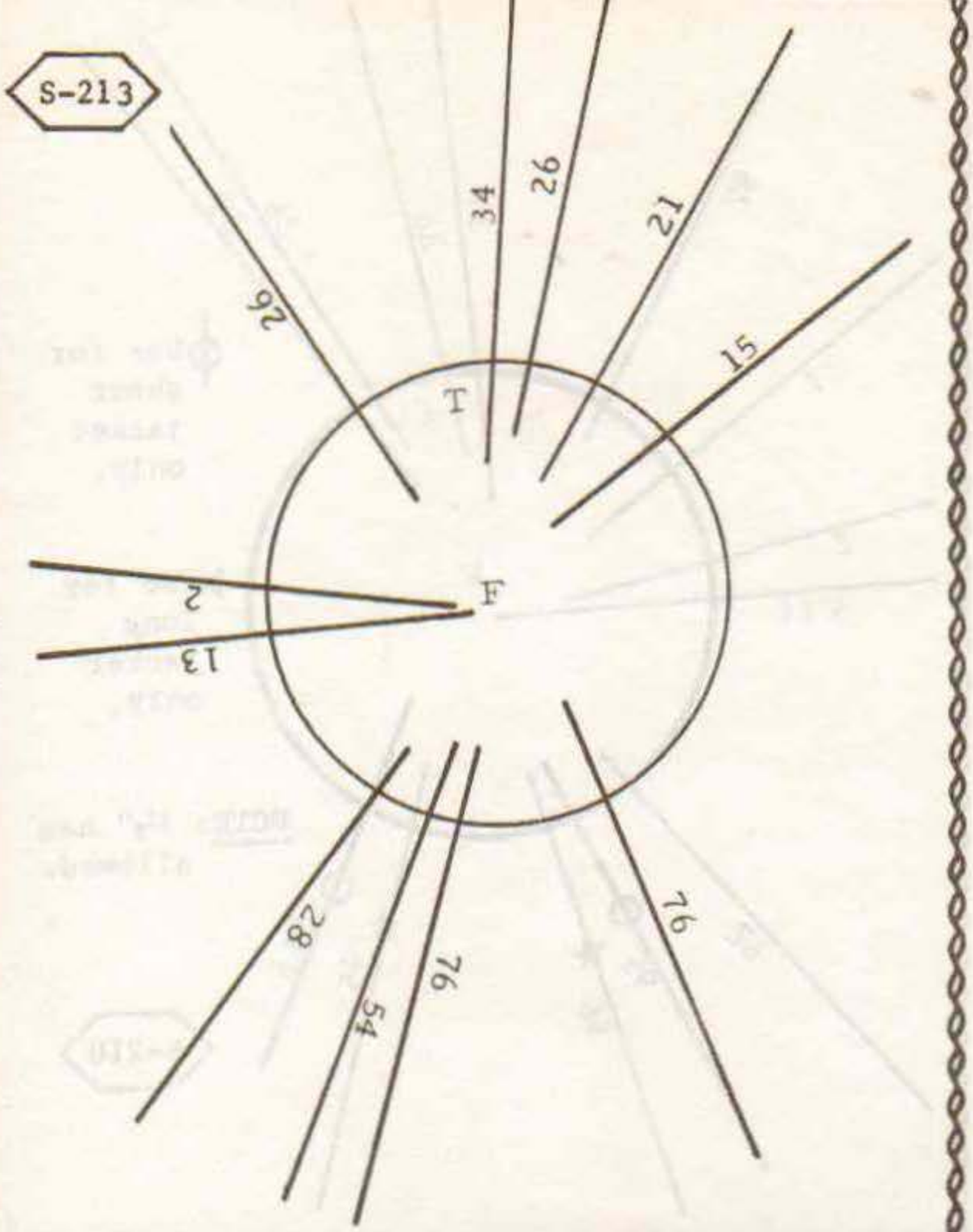


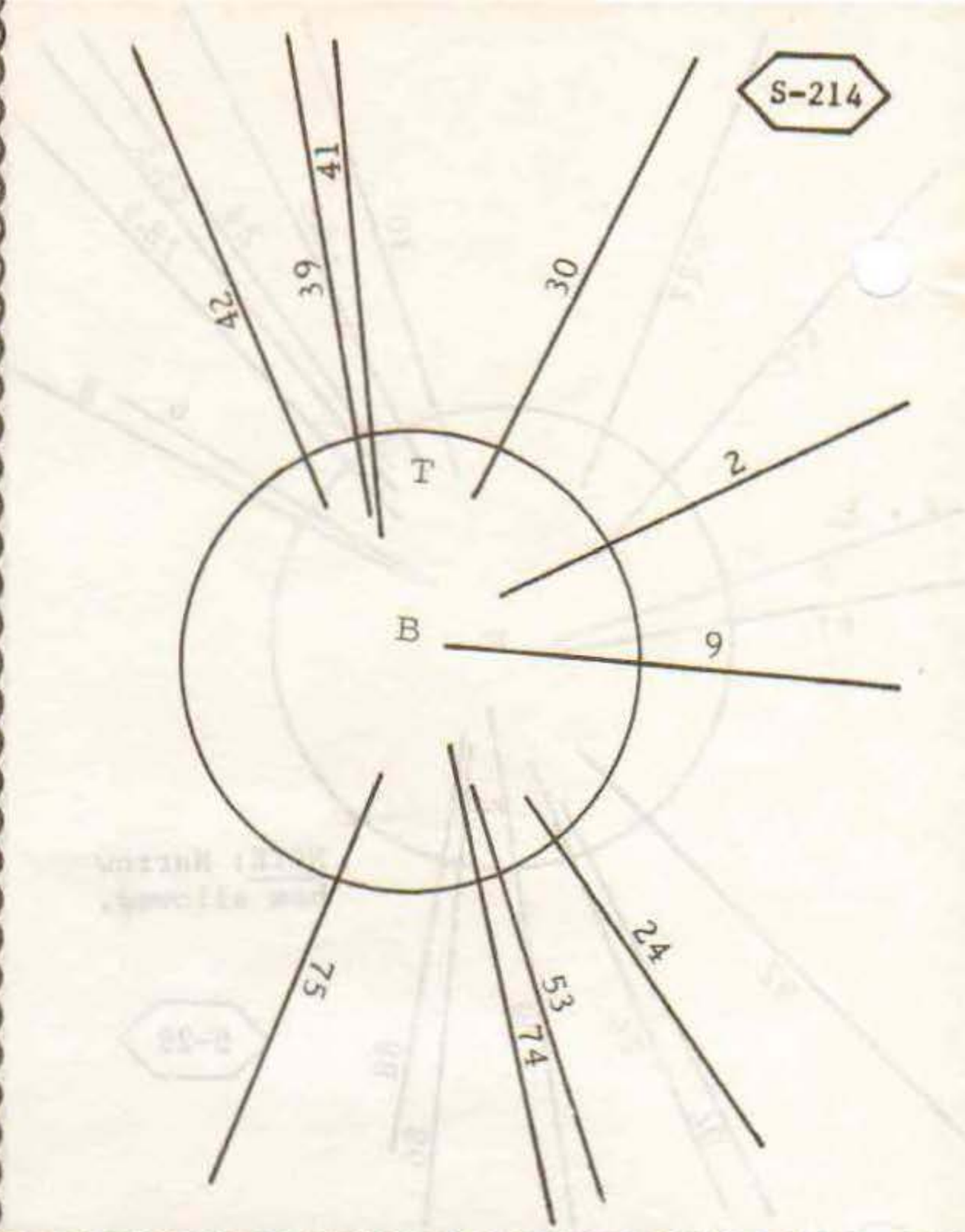

NOTE: Narrow hem allowed.

Sunburst V1-Ee-3

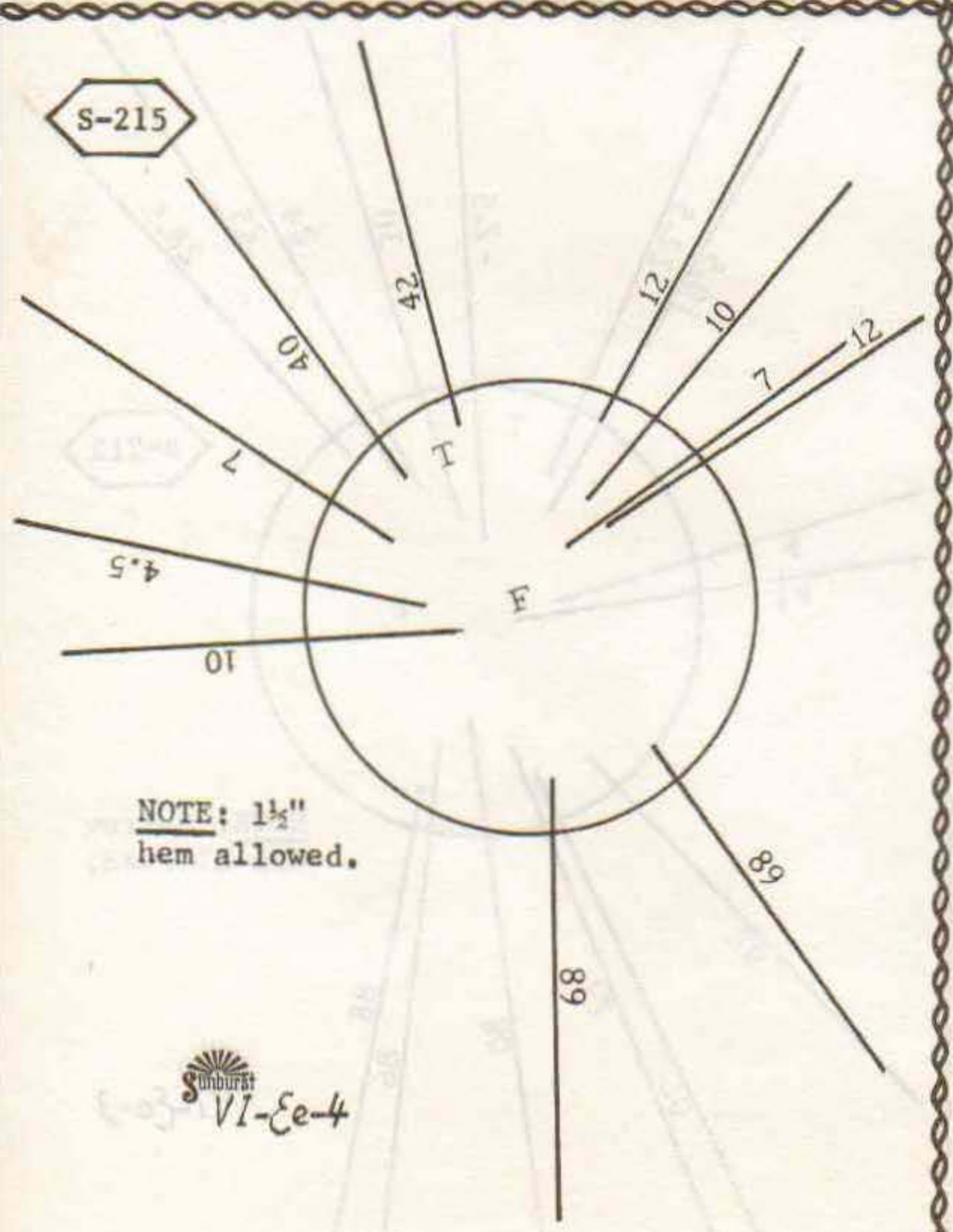
S-213




S-214

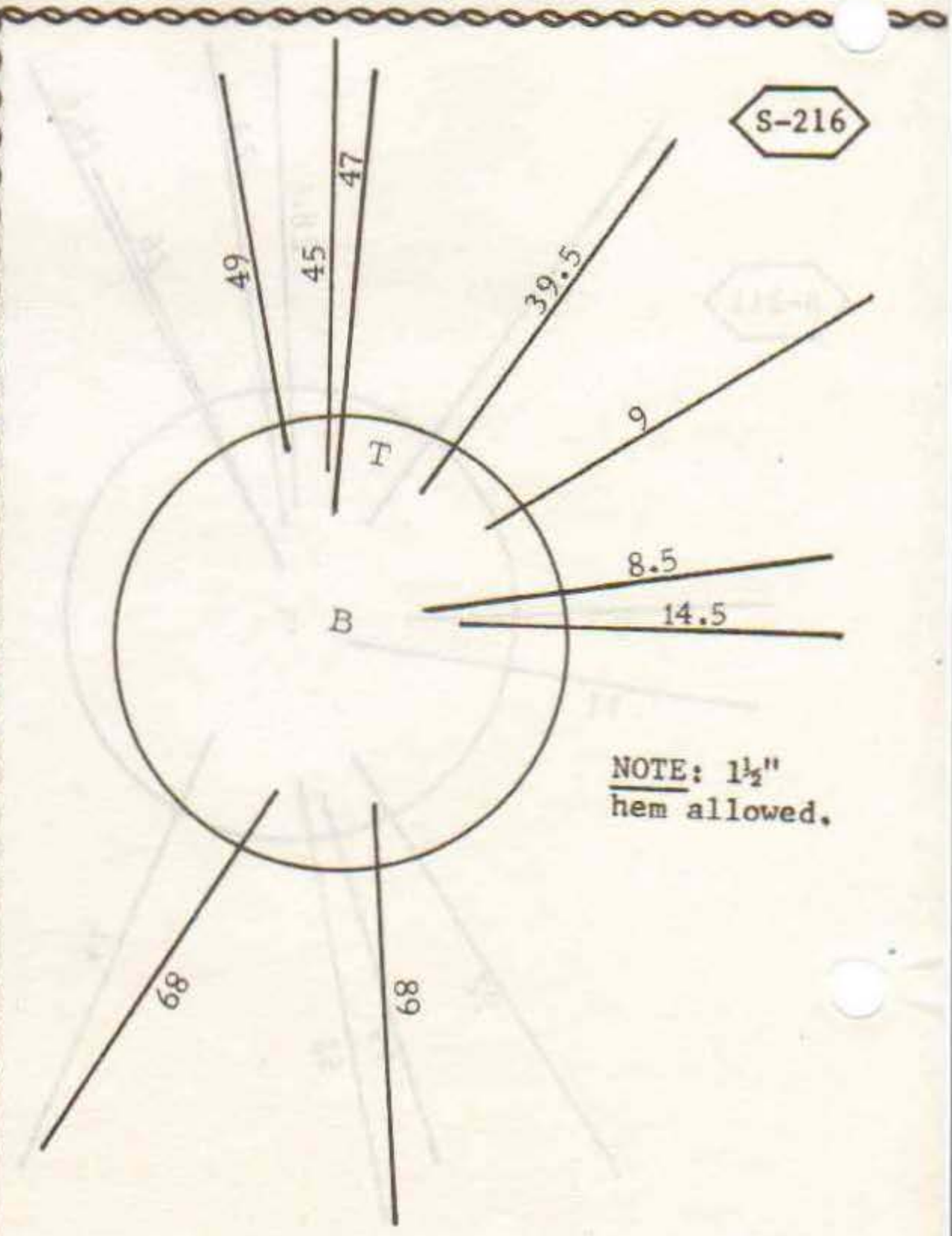



S-215



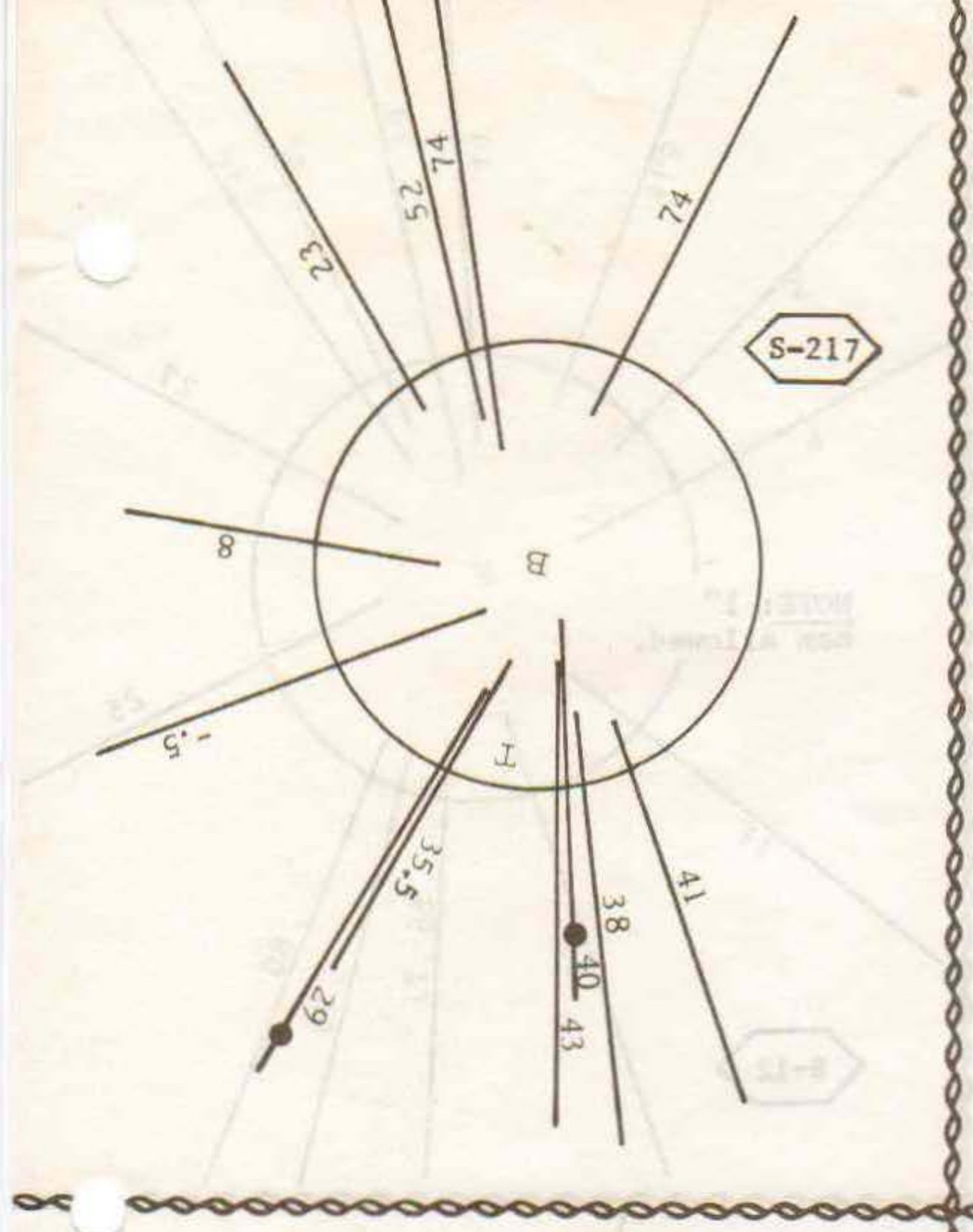

NOTE: 1½" hem allowed.

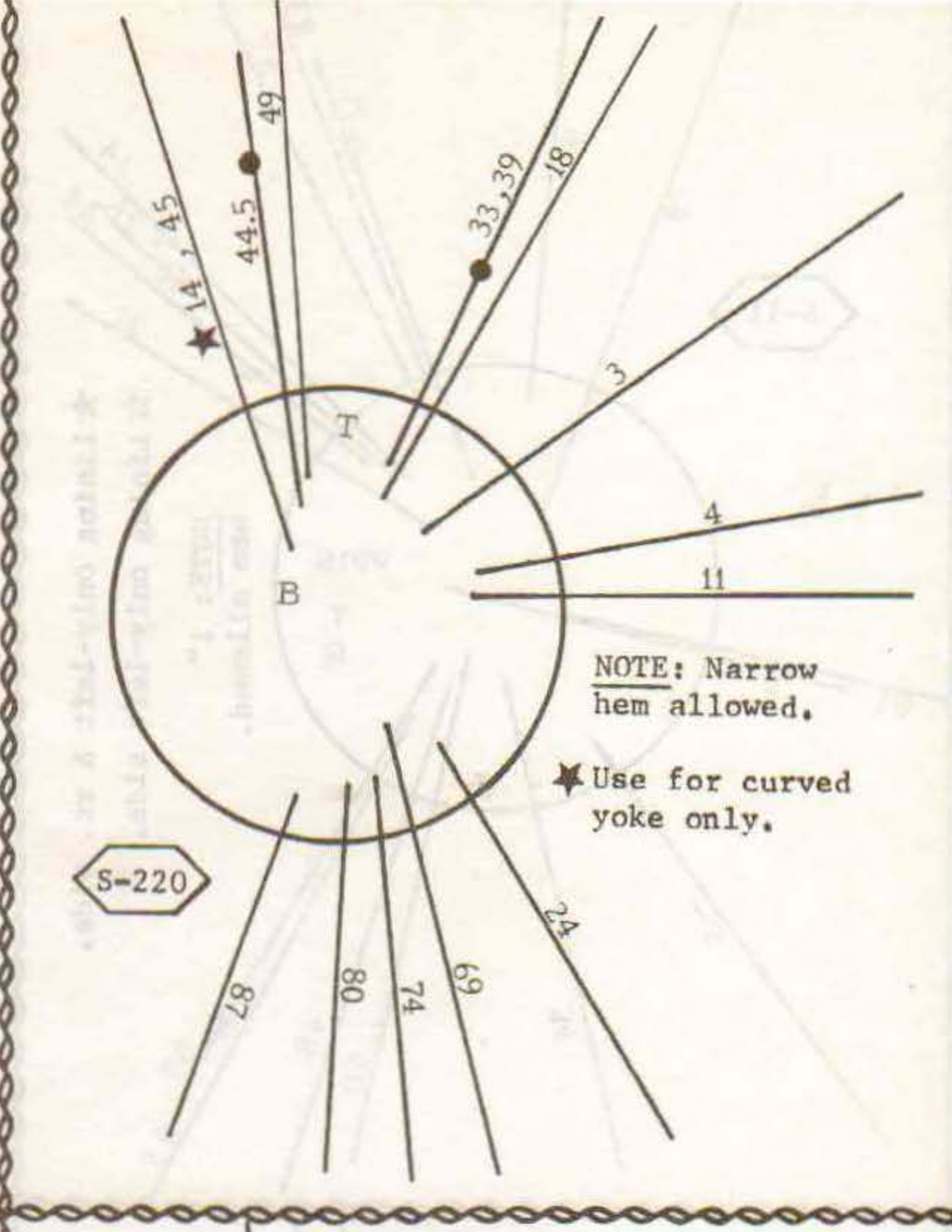
S-216

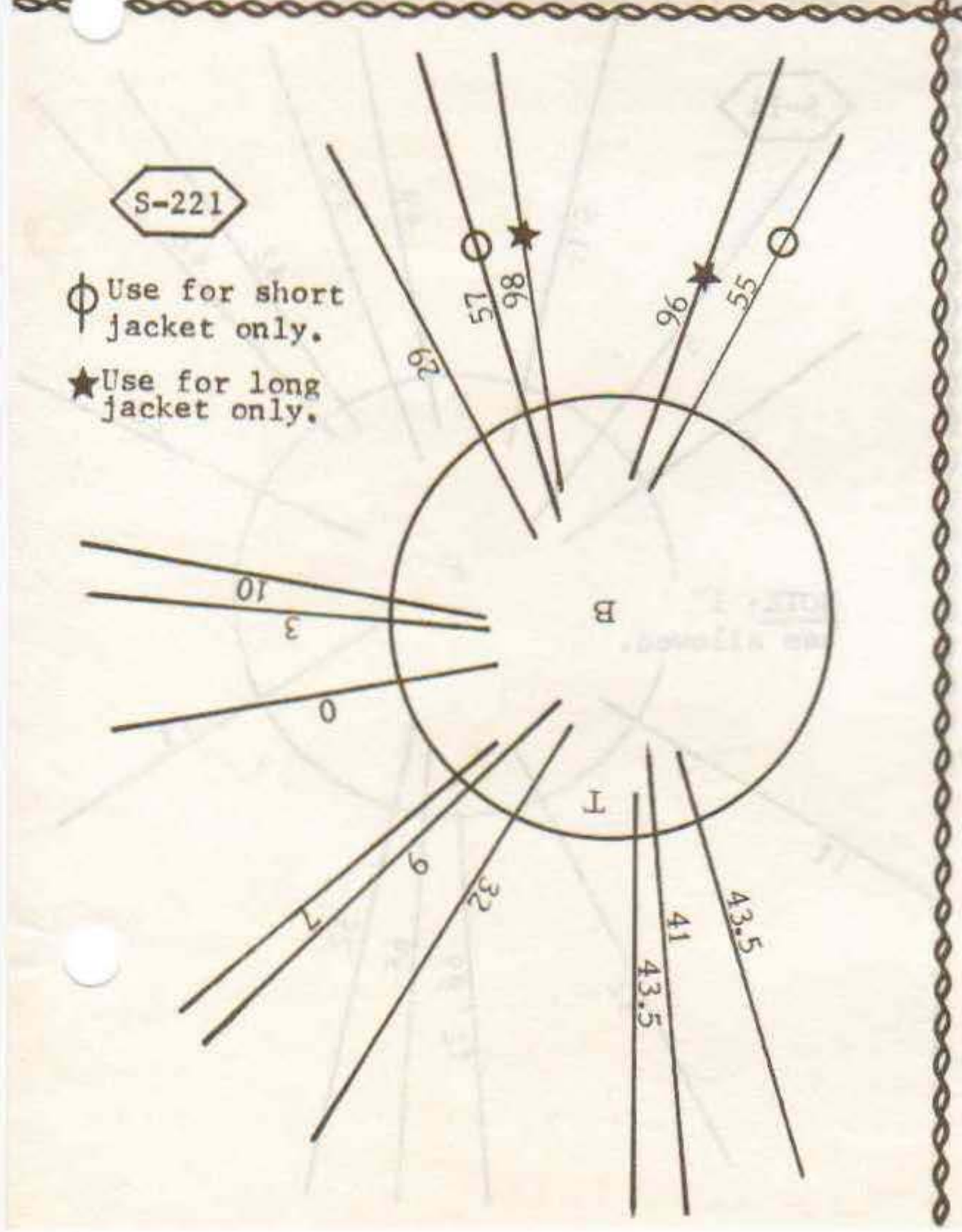


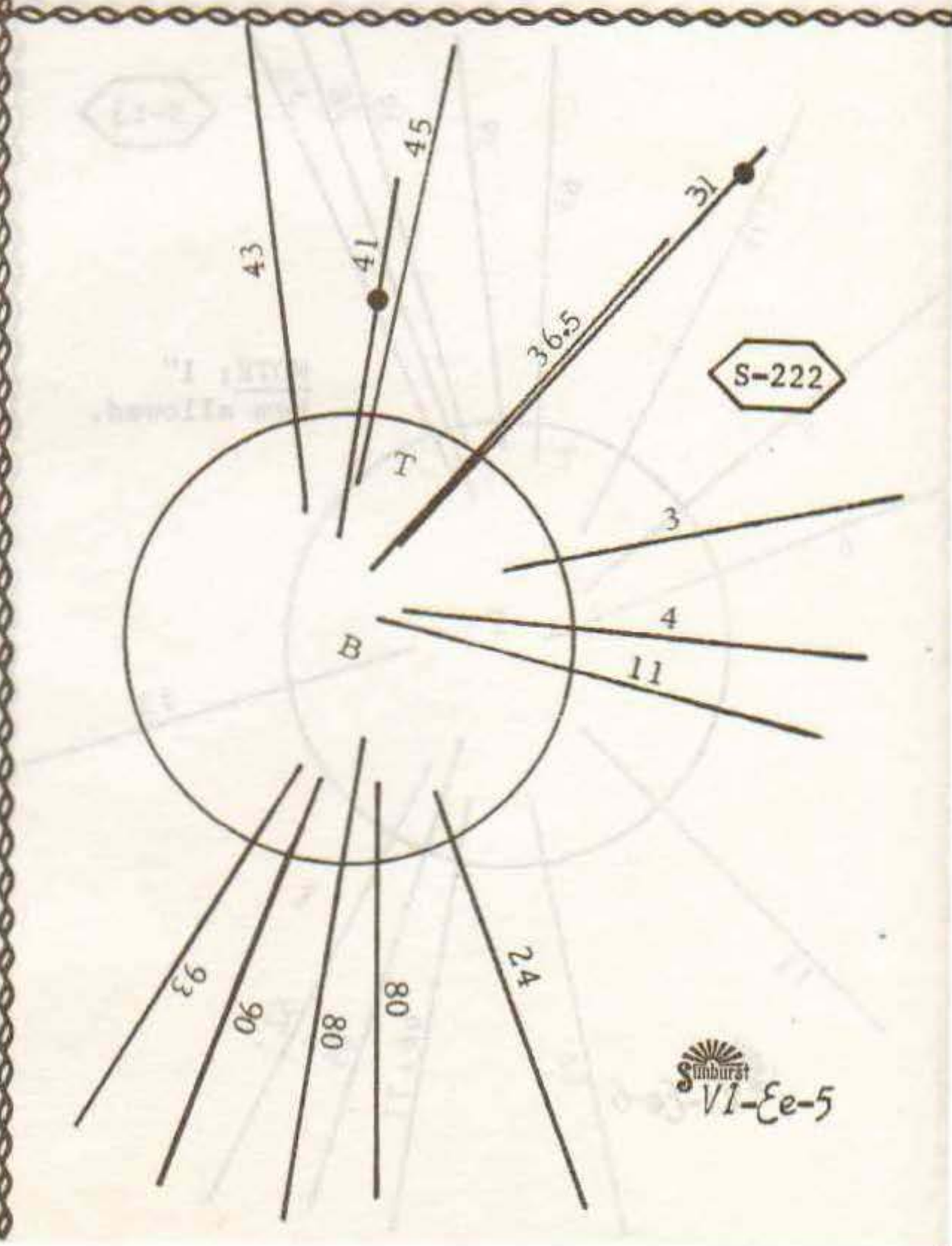

NOTE: 1½" hem allowed.

Sunburst VI-Ee-4

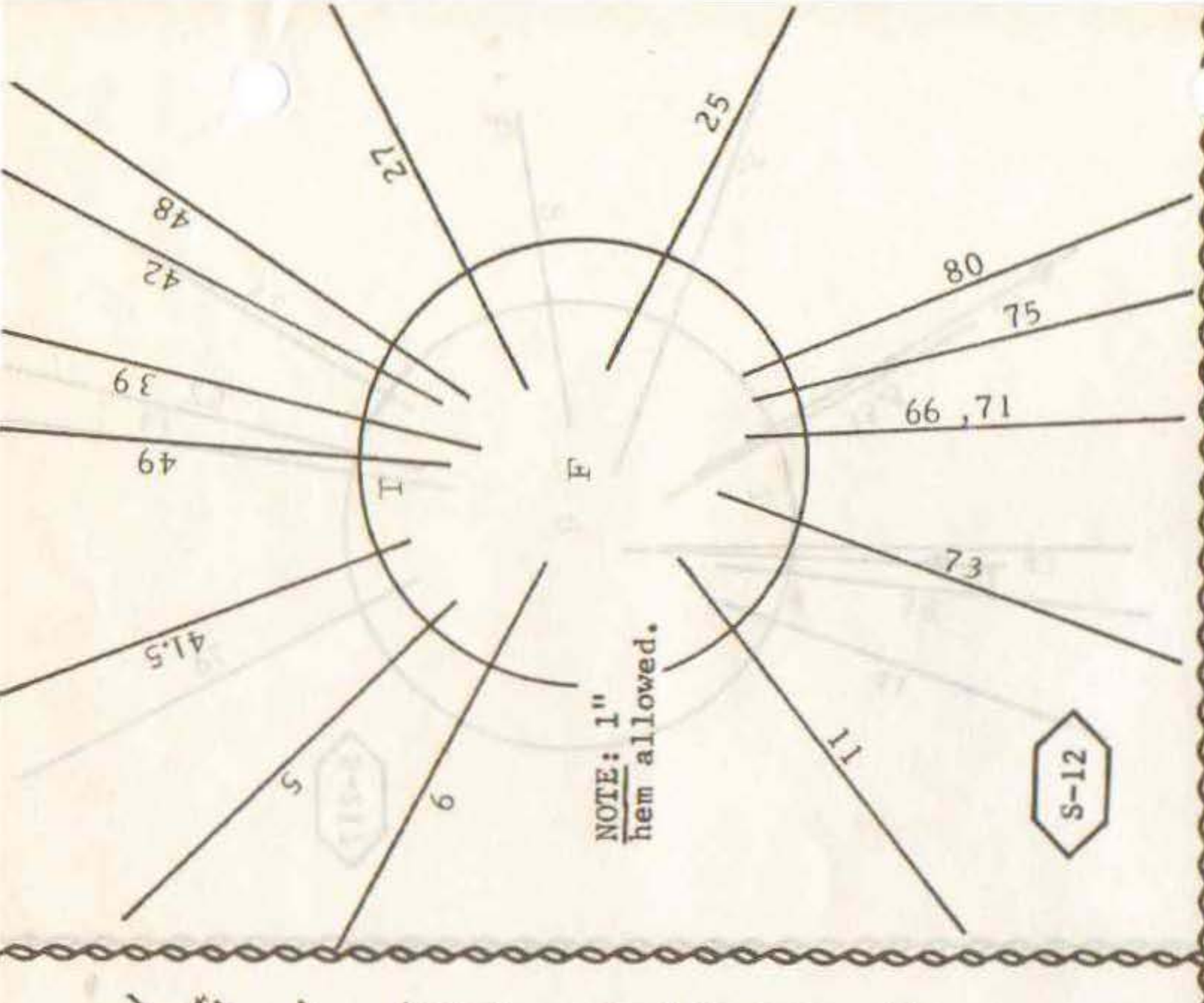


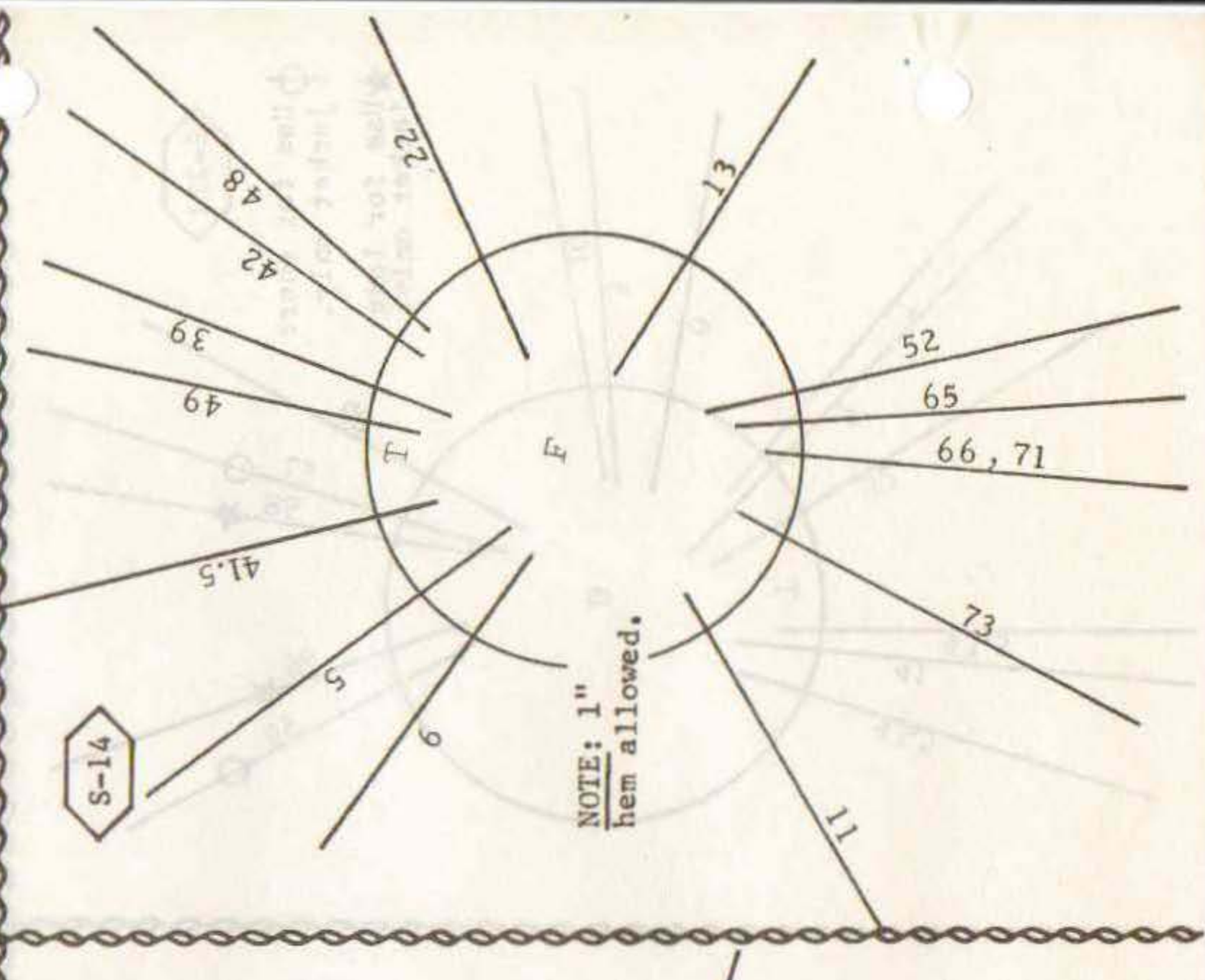



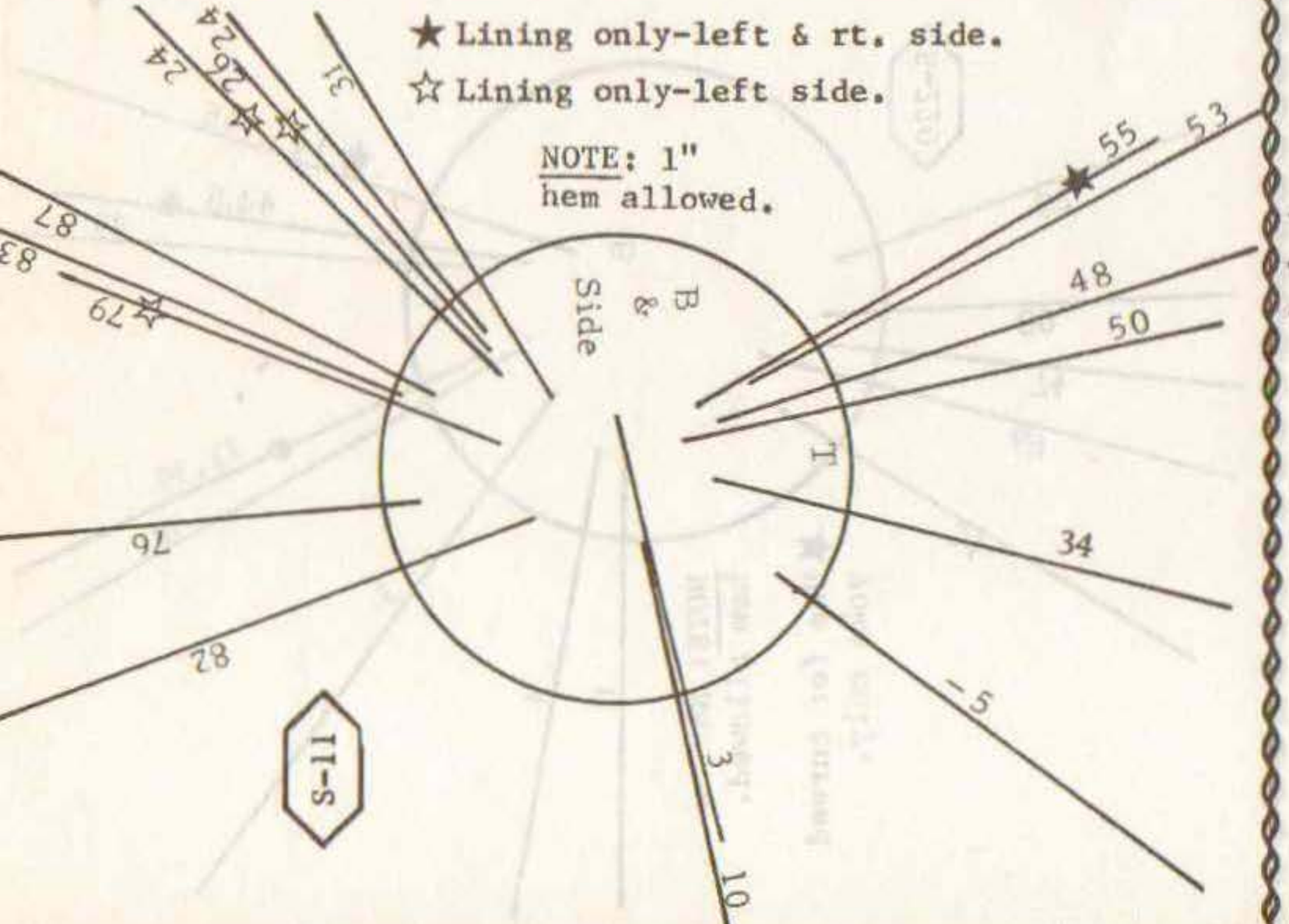



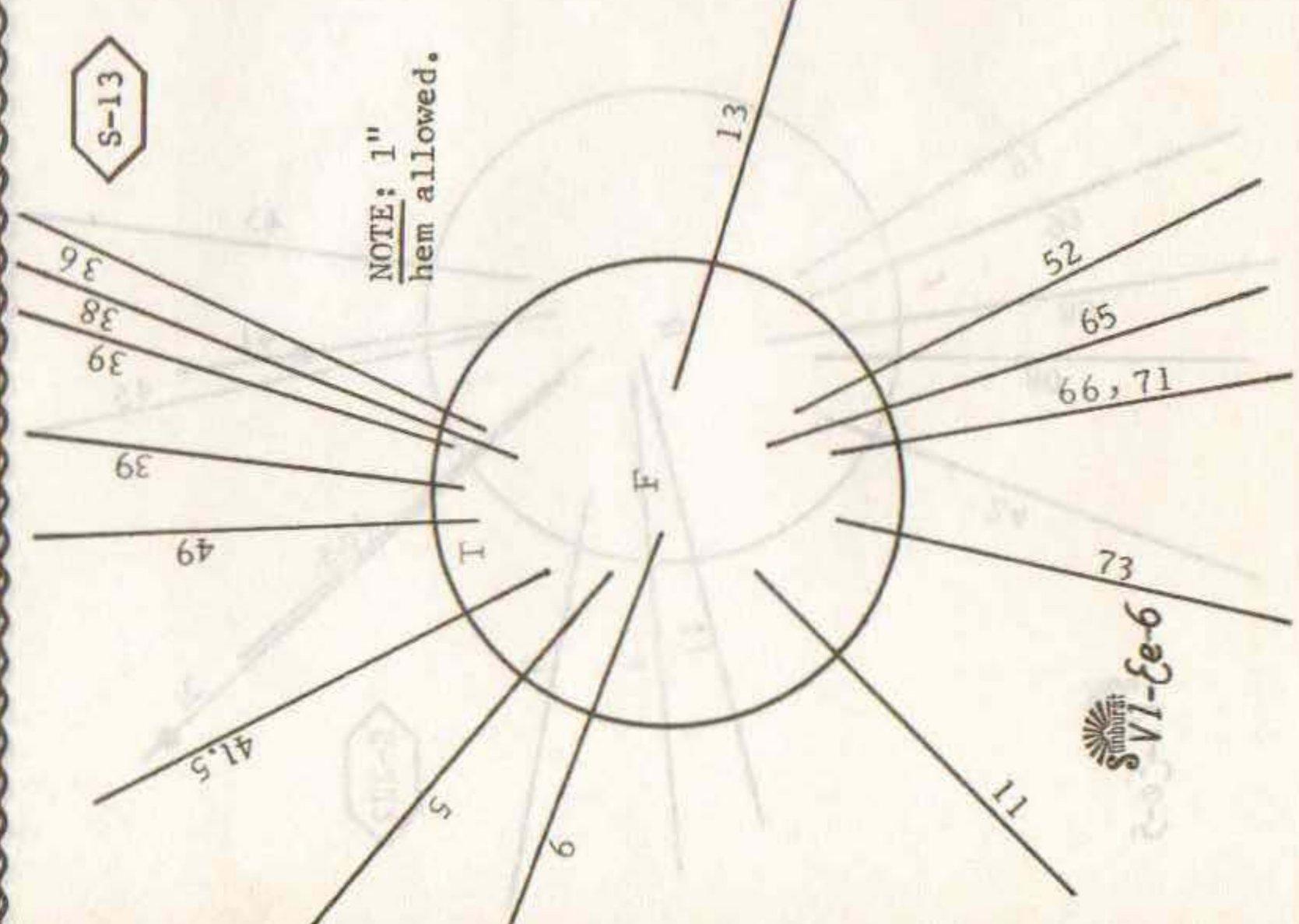



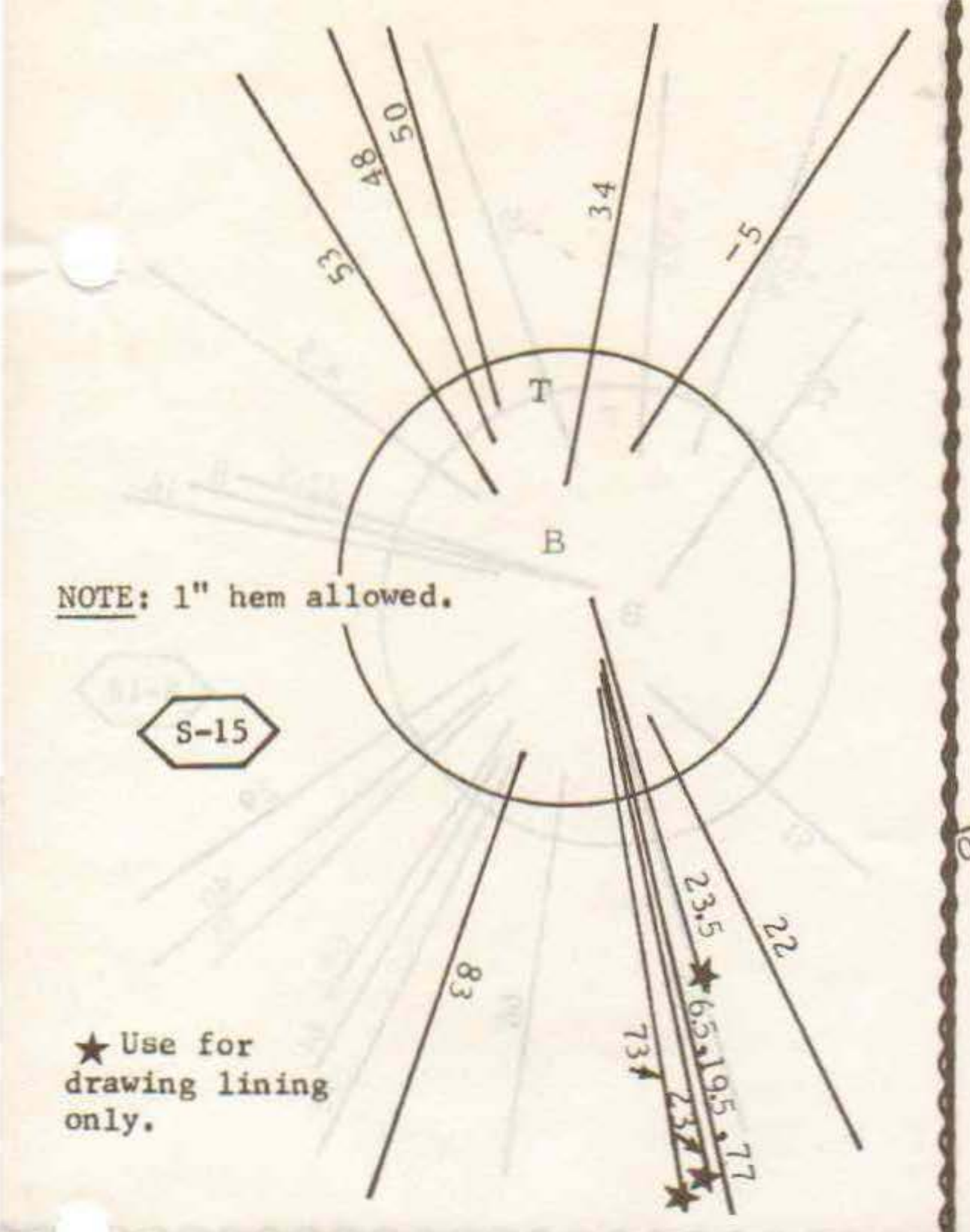

Sunburst
VI-Ee-5


27
25
48
42
39
49
80
75
66 ,71
73
41.5
5
9
11
F
T
NOTE: 1"
hem allowed.
S-12


22
13
48
42
39
49
52
65
66 , 71
73
41.5
5
9
11
F
T
NOTE: 1"
hem allowed.
S-14


★ Lining only-left & rt. side.
☆ Lining only-left side.
NOTE: 1"
hem allowed.
24
26
24
31
87
83
79
76
82
55
53
48
50
34
-5
3
10
B & Side
T
S-11

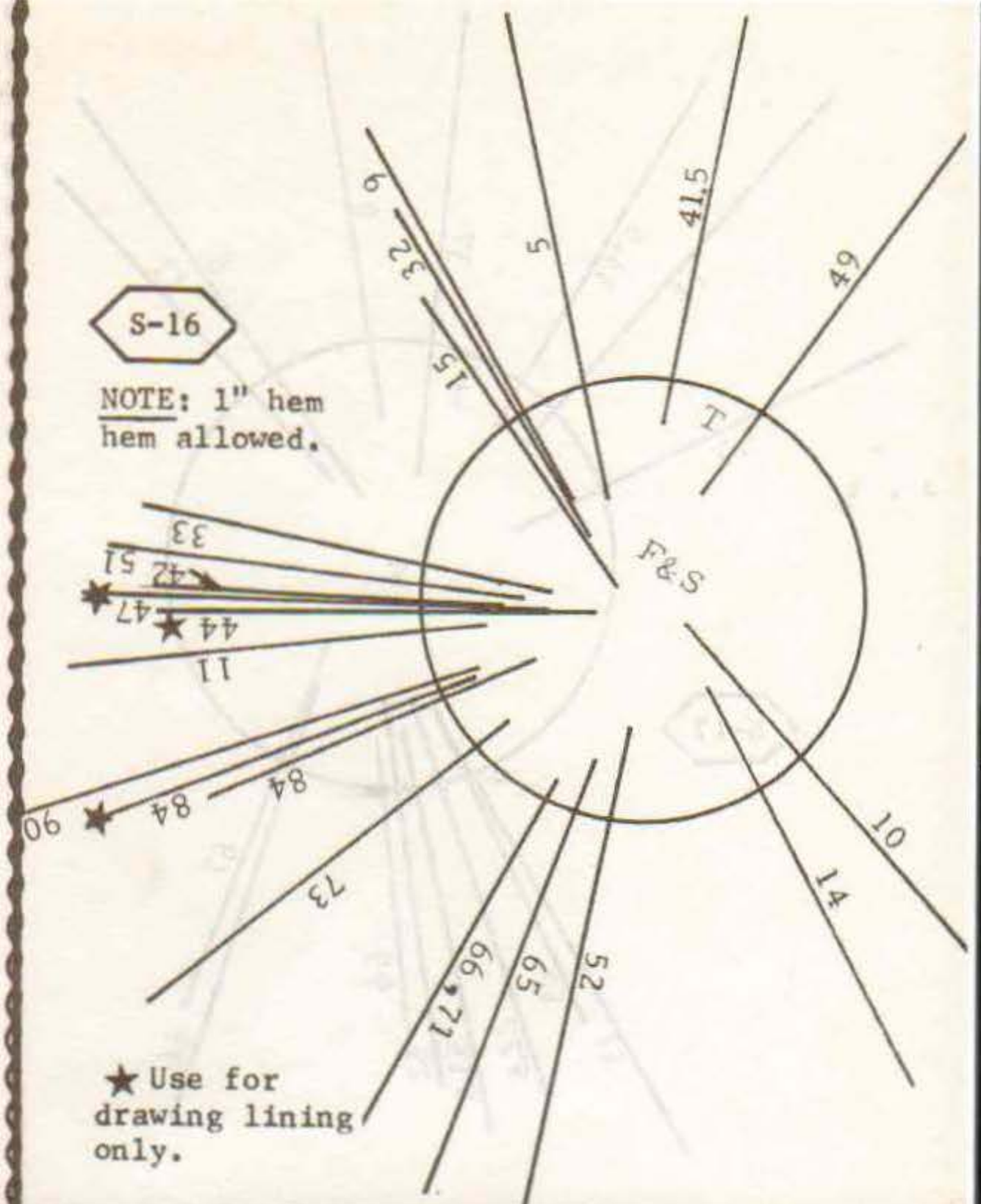

S-13
NOTE: 1"
hem allowed.
13
36
38
39
39
49
52
65
66, 71
73
41.5
5
9
11
F
T
VI-E-6




NOTE: 1" hem allowed.

S-15

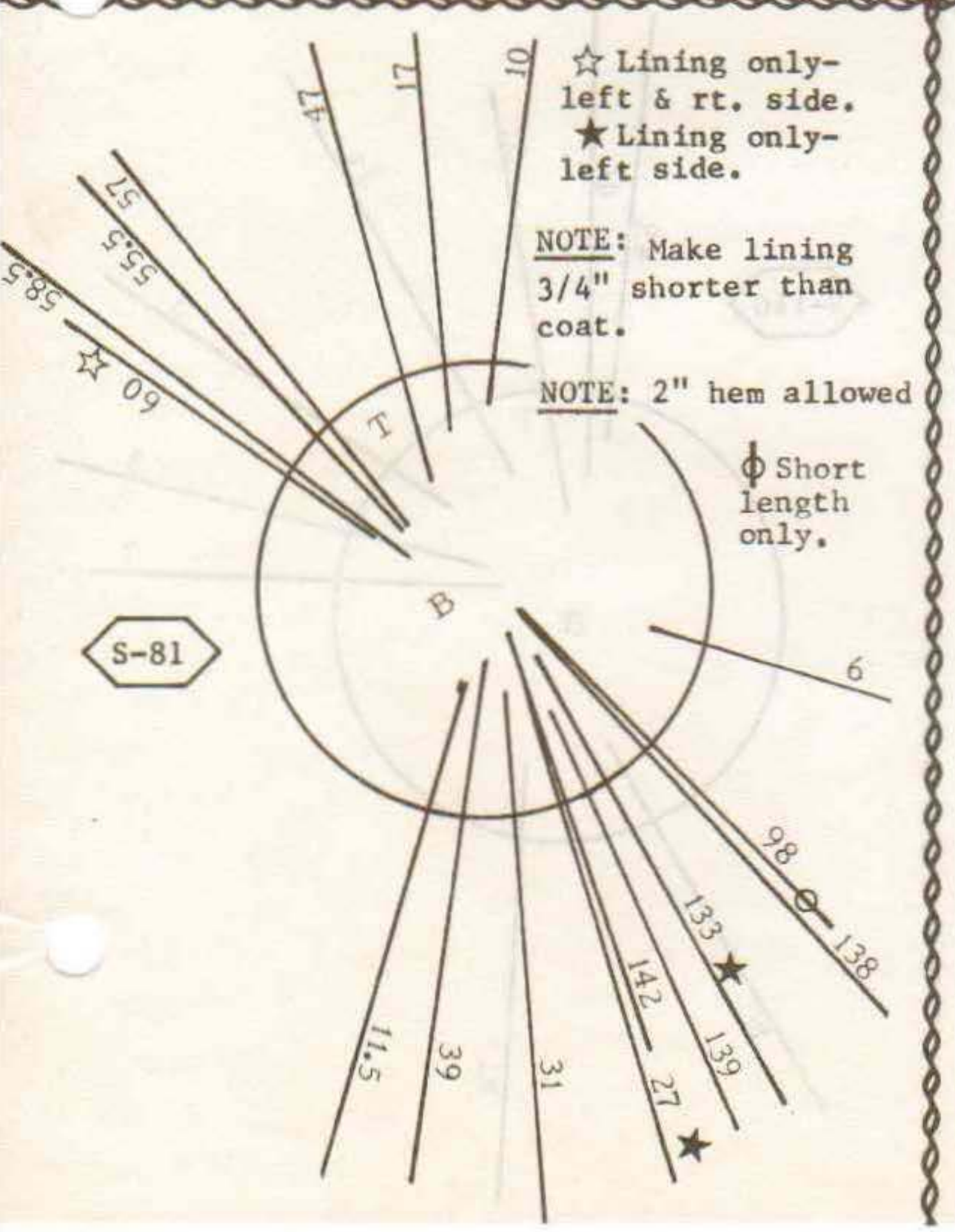
★ Use for drawing lining only.




S-16

NOTE: 1" hem hem allowed.

★ Use for drawing lining only.



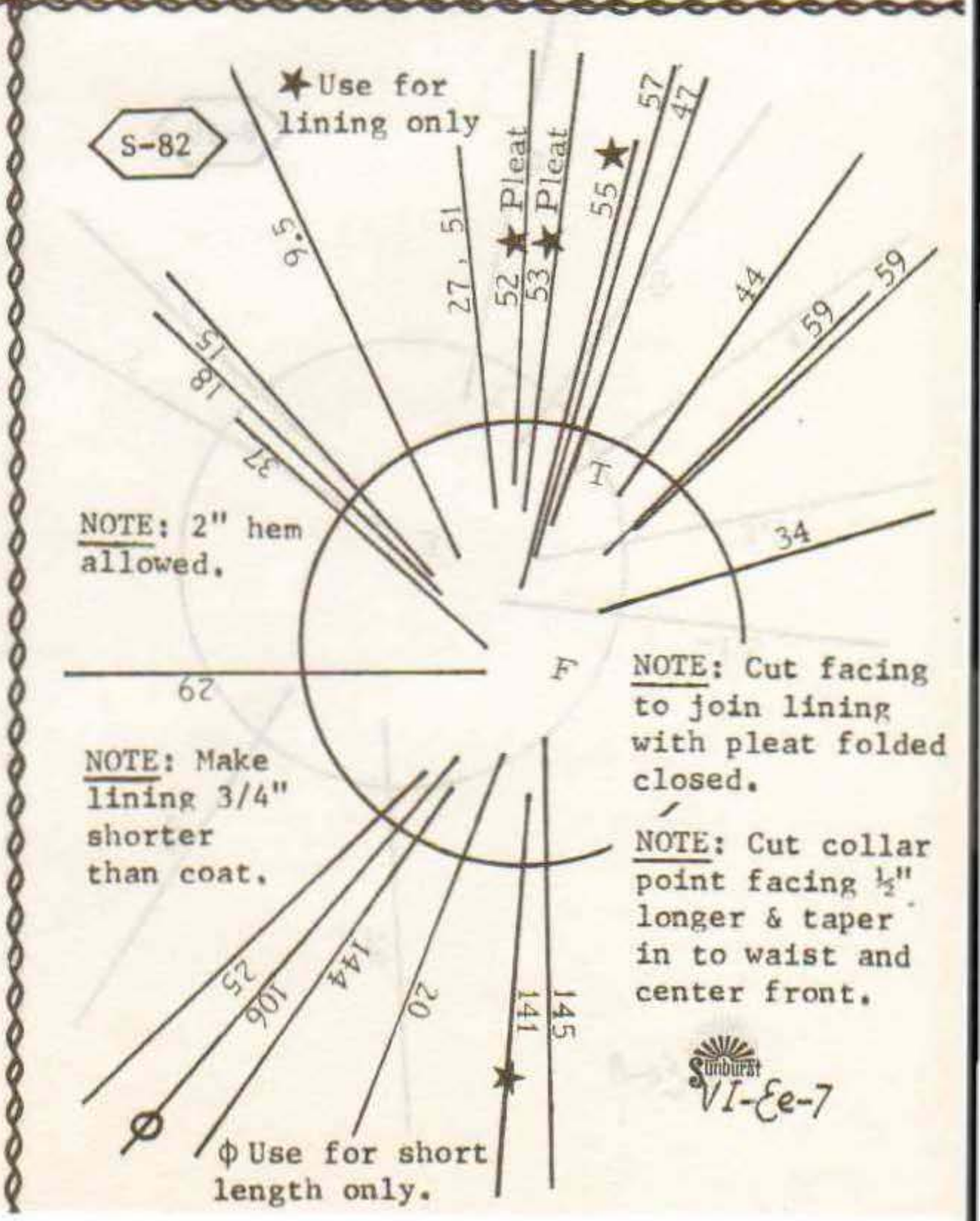

☆ Lining only- left & rt. side.
★ Lining only- left side.

NOTE: Make lining 3/4" shorter than coat.

NOTE: 2" hem allowed

ϕ Short length only.

S-81




NOTE: 2" hem allowed.

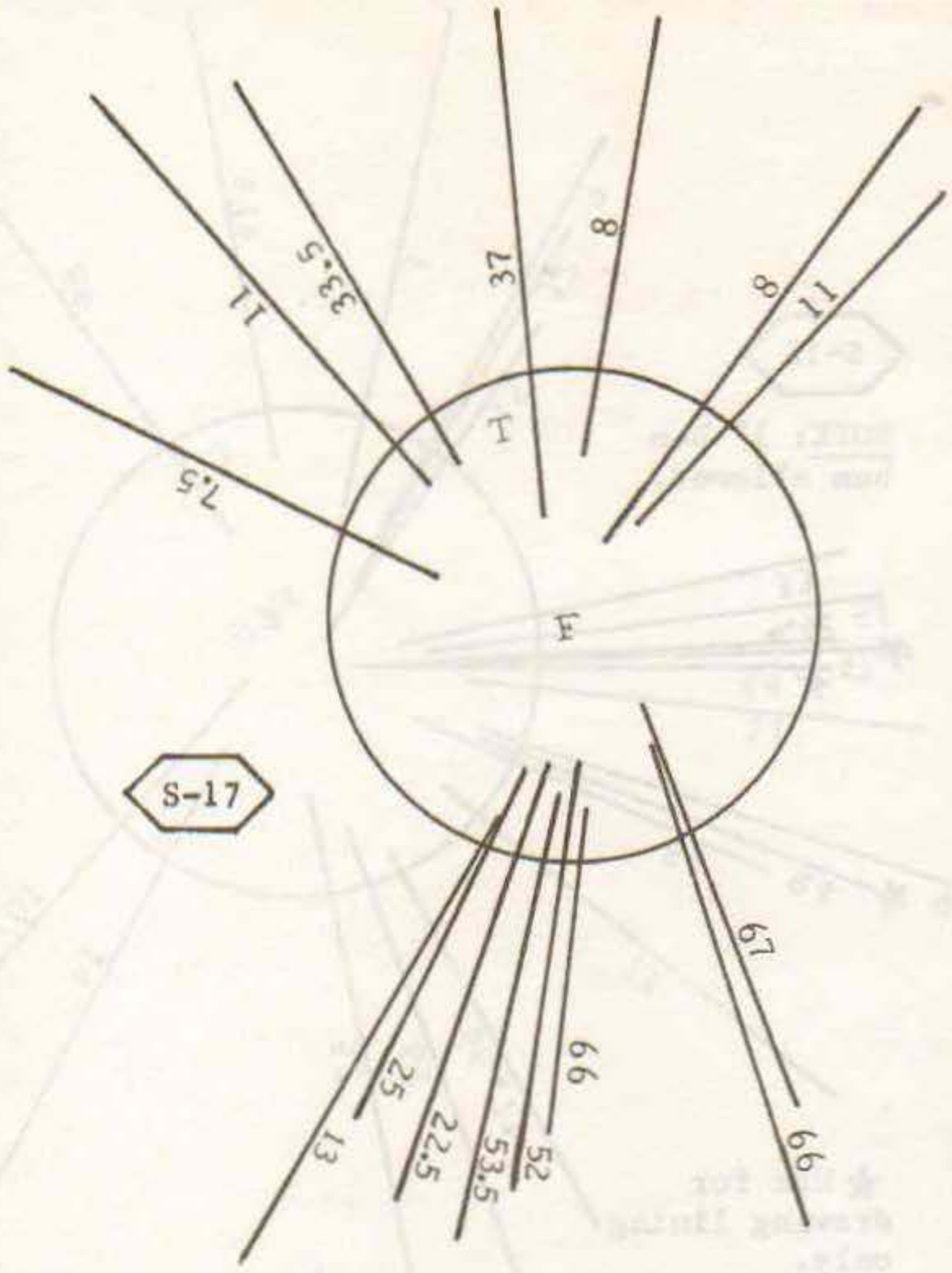
NOTE: Make lining 3/4" shorter than coat.

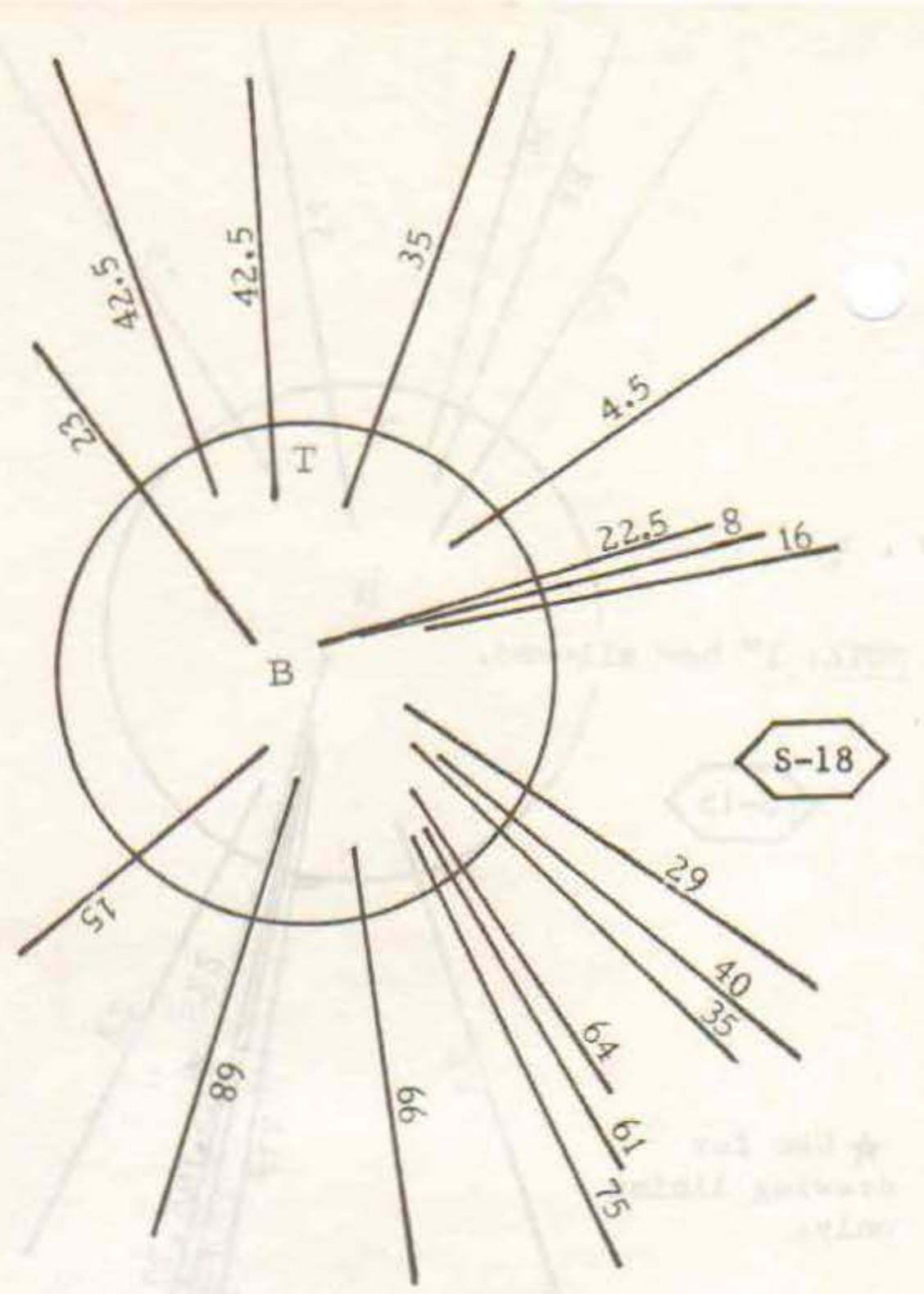
NOTE: Cut facing to join lining with pleat folded closed.

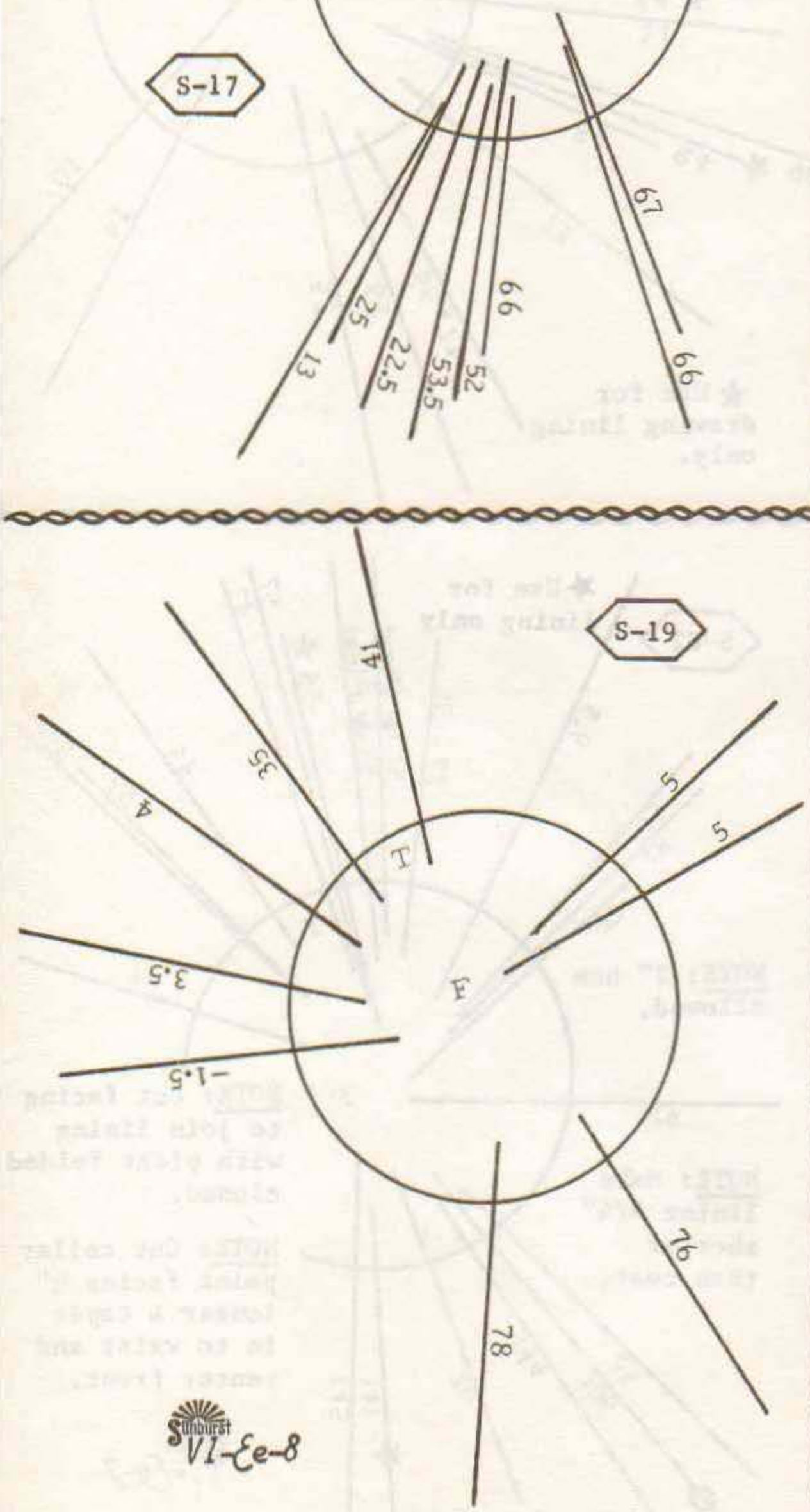
NOTE: Cut collar point facing ½" longer & taper in to waist and center front.

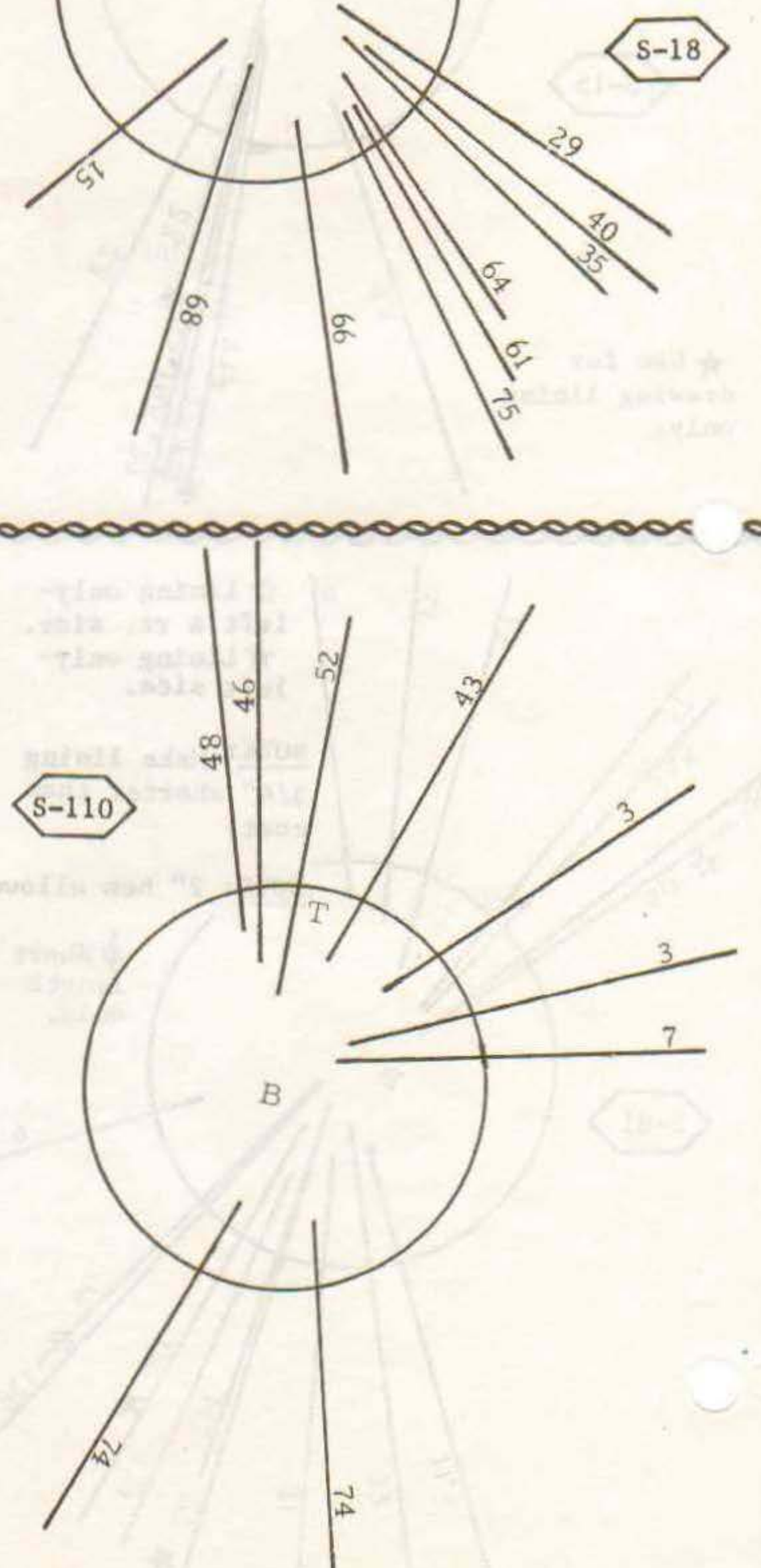
ϕ Use for short length only.

Sunburst VI-Ee-7

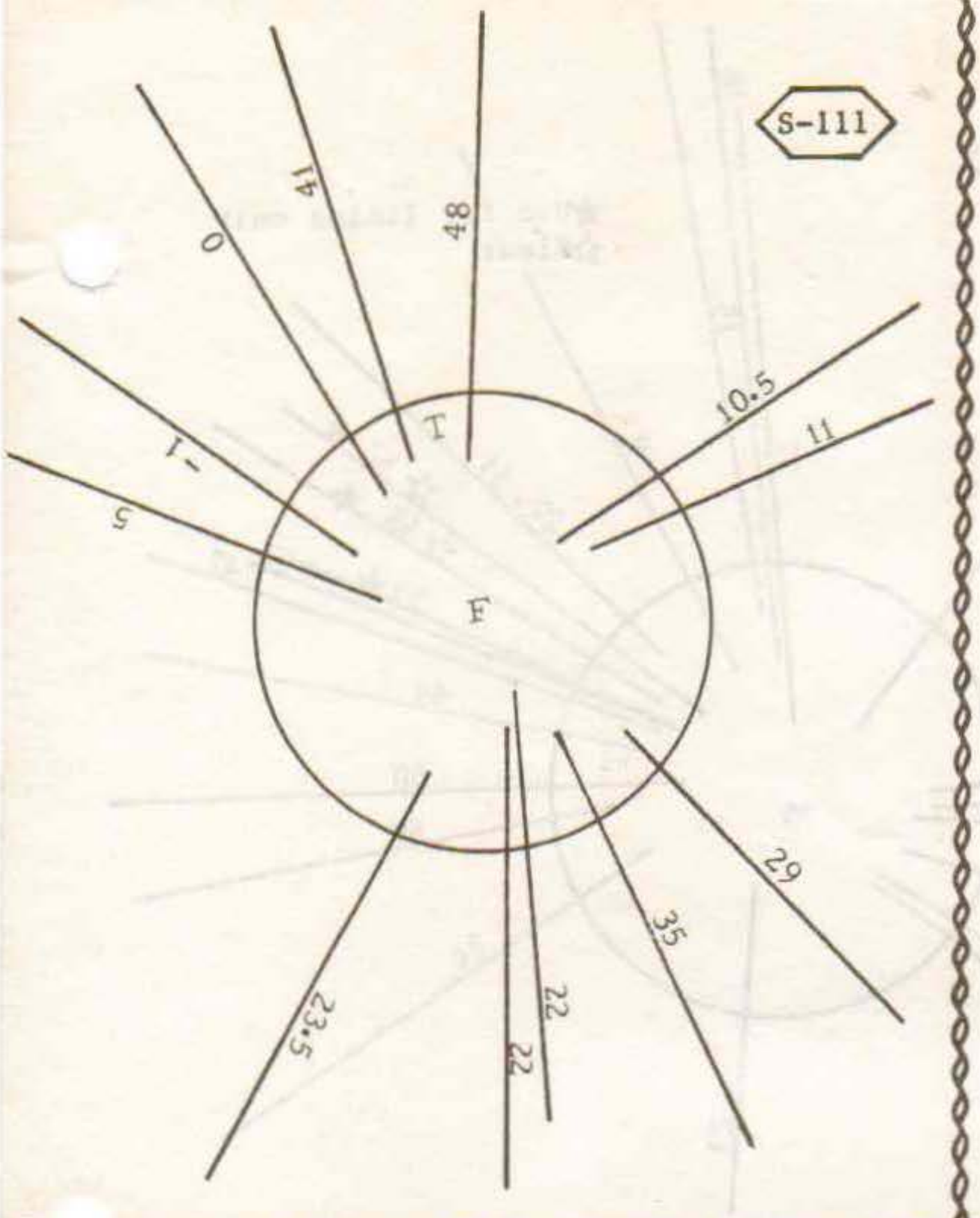


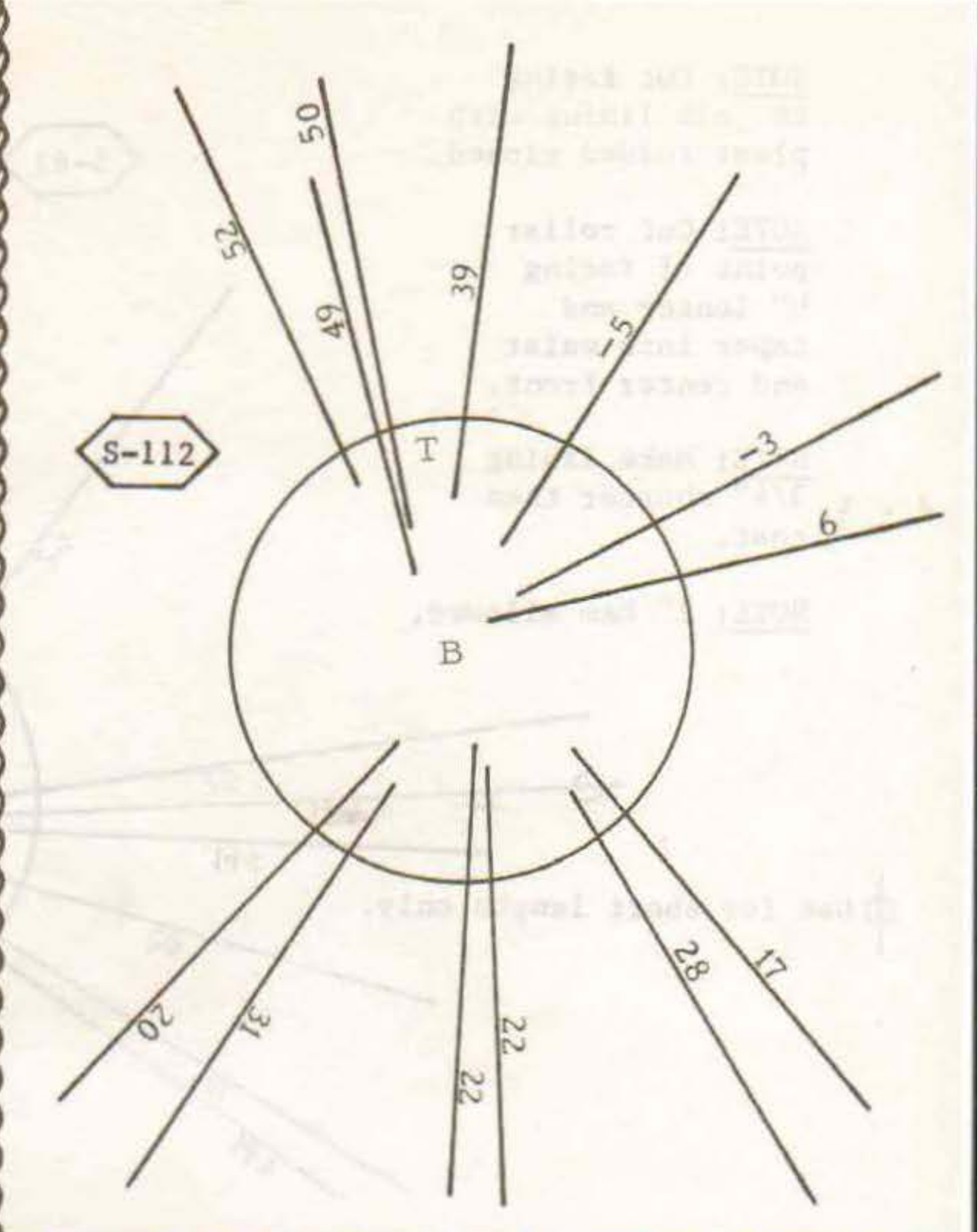



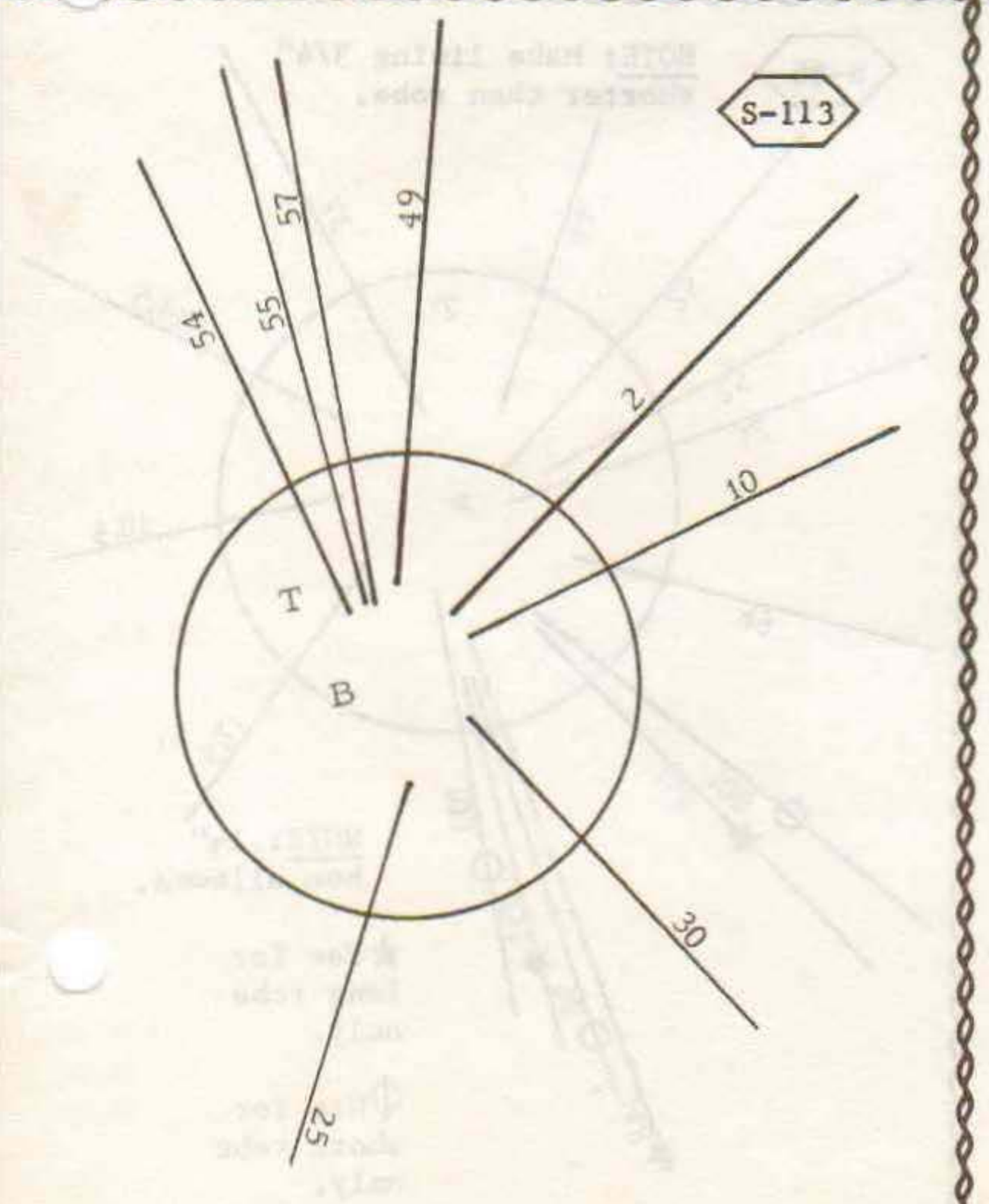



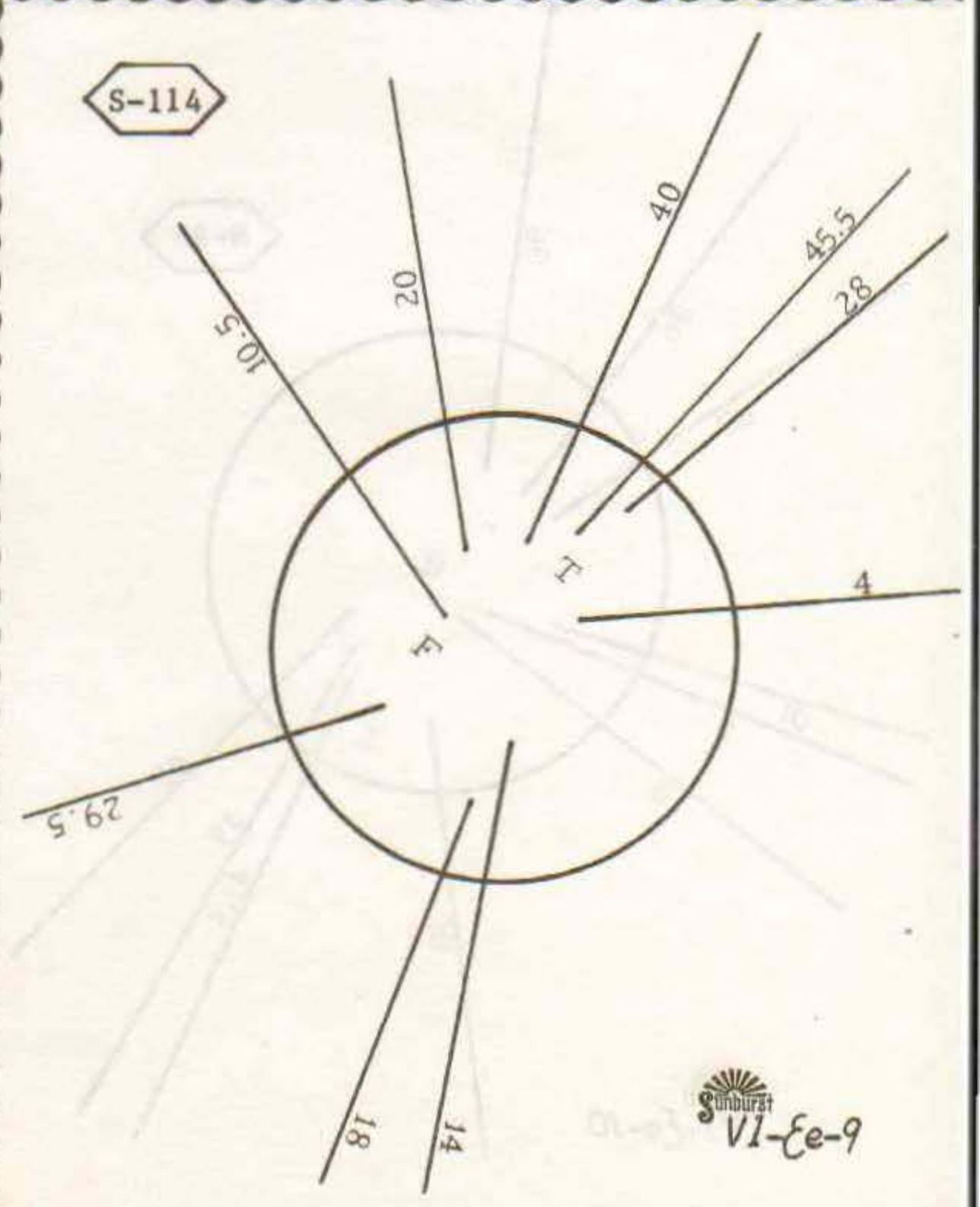




Sunburst VI-Ee-8


S-111
0
41
48
-1
5
10.5
11
T
F
23.5
22
22
35
29


S-112
52
50
49
39
-5
-3
6
T
B
20
31
22
22
28
17


S-113
54
55
57
49
2
10
T
B
30
25


S-114
10.5
20
40
45.5
28
4
T
F
29.5
18
14

NOTE: Cut facing to join lining with pleat folded closed.

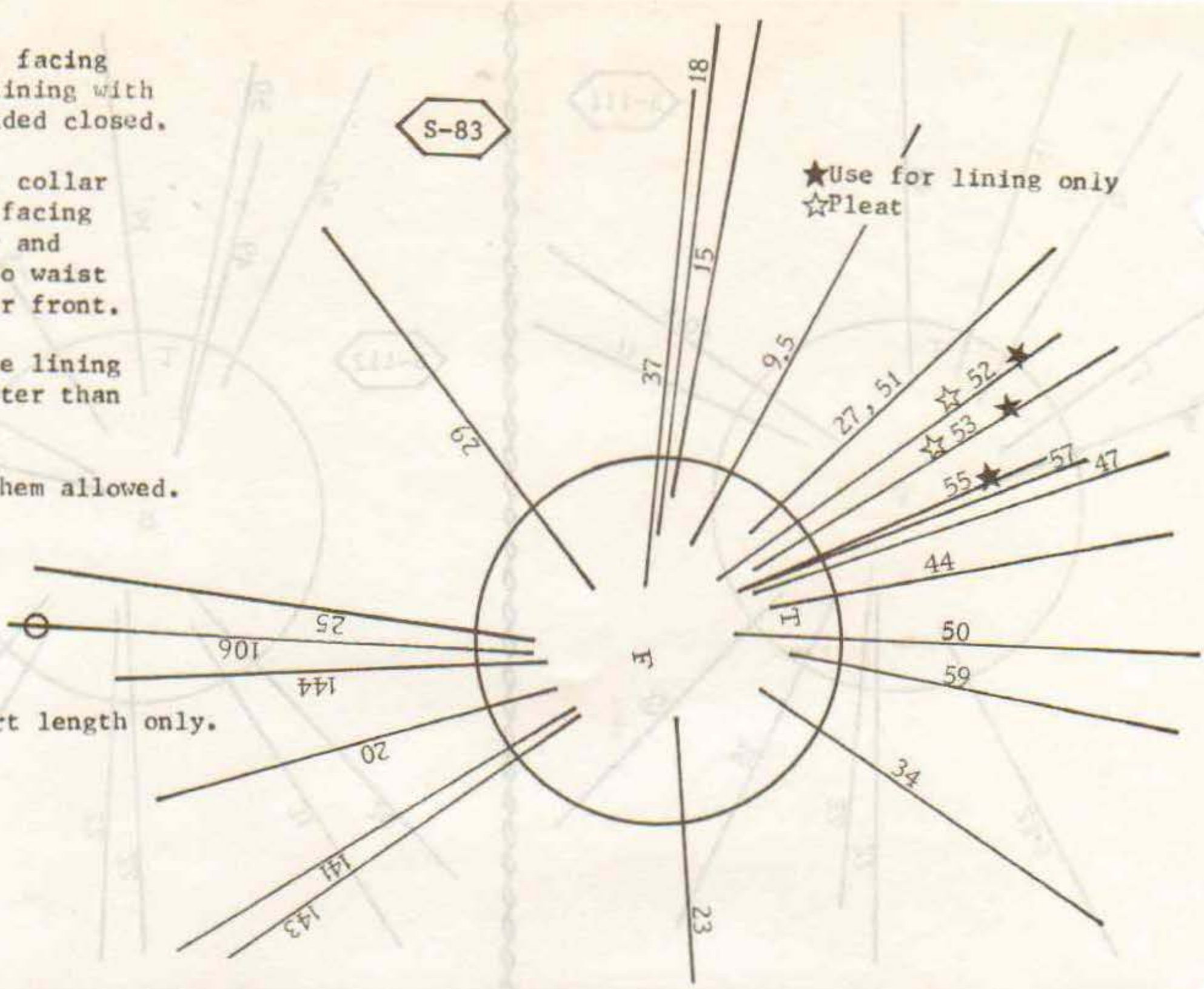
NOTE: Cut collar point of facing ½" longer and taper into waist and center front.

NOTE: Make lining 3/4" shorter than coat.

NOTE: 2" hem allowed.

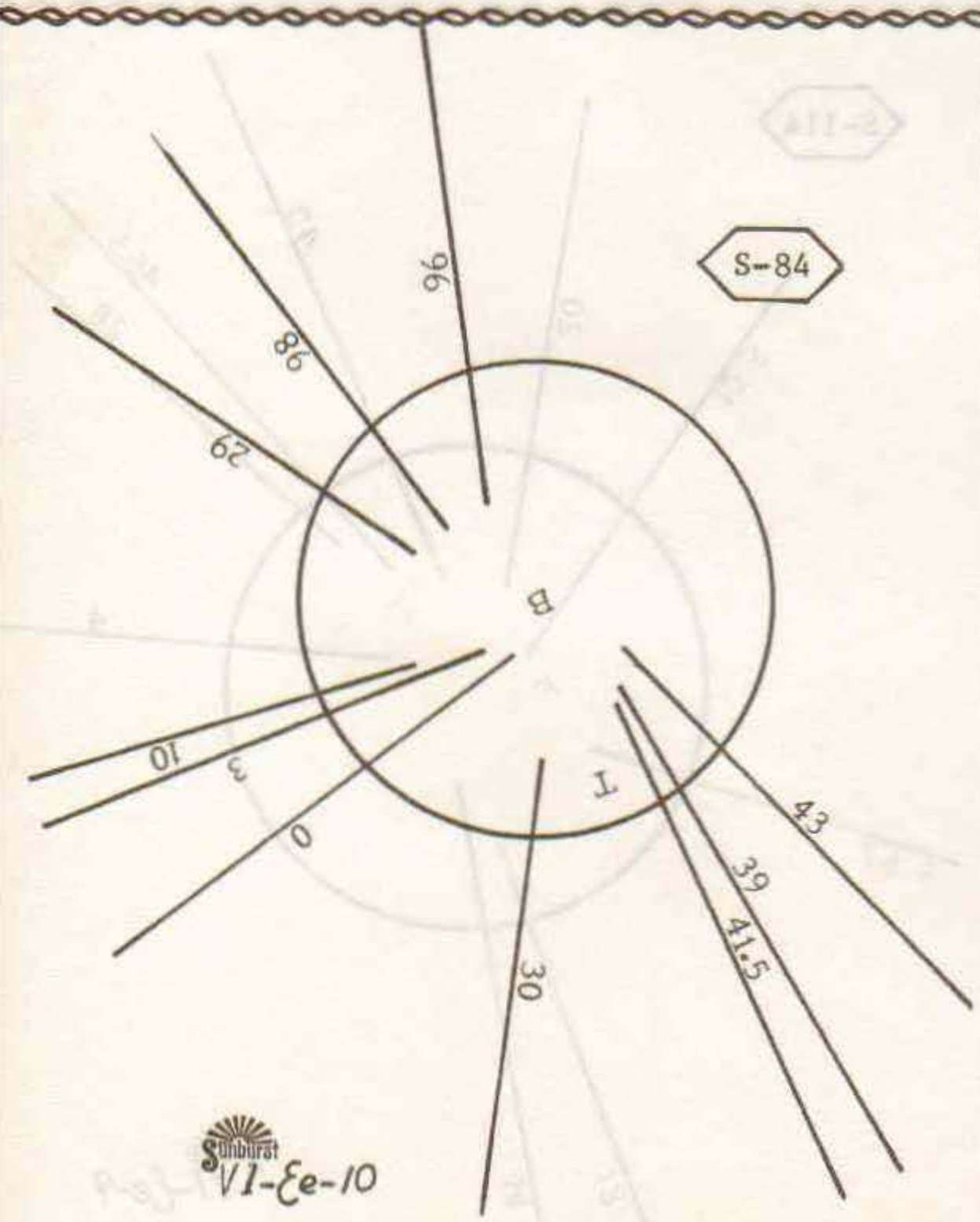
S-83

★Use for lining only
☆Pleat



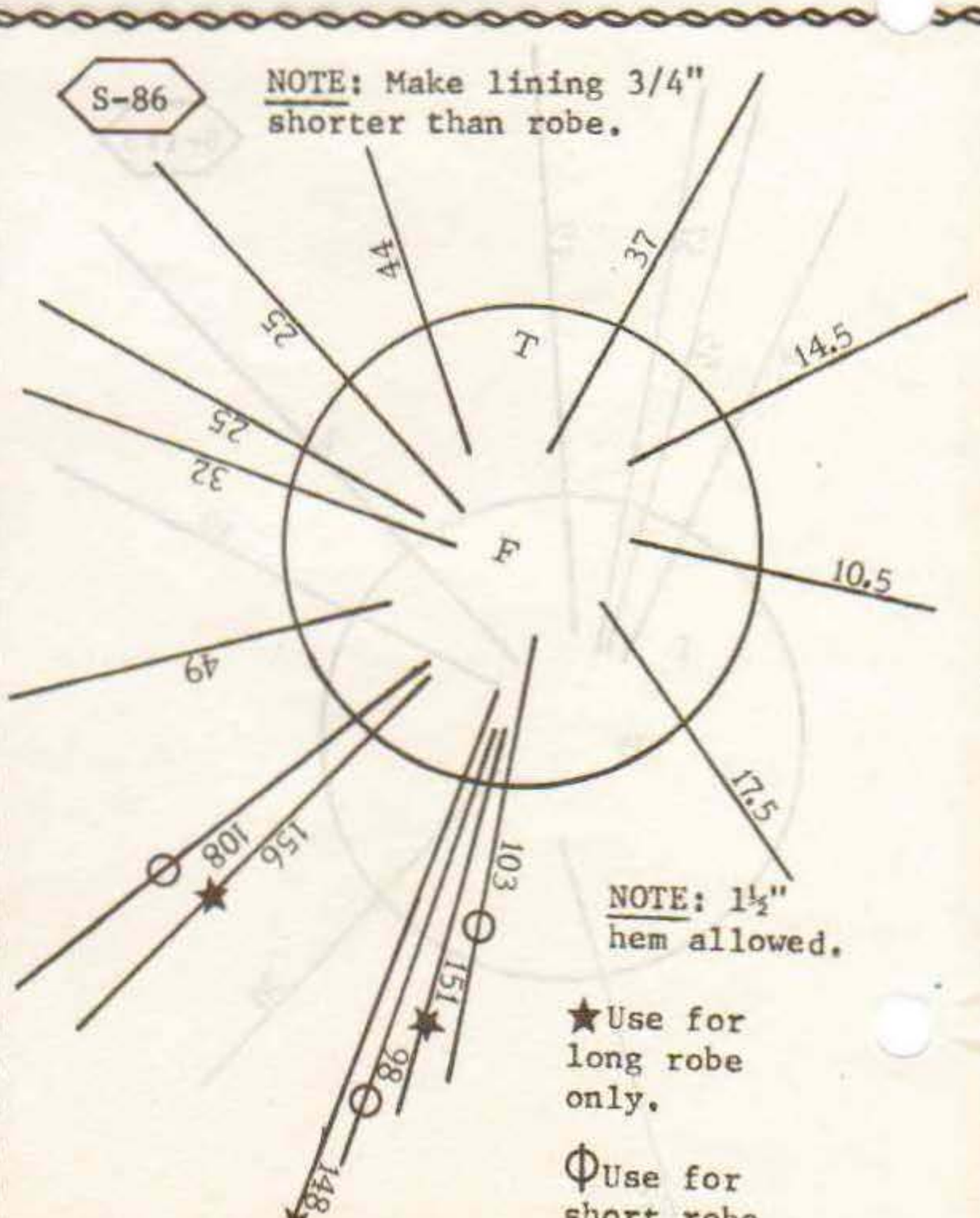

Use for short length only.

S-84




S-86

NOTE: Make lining 3/4" shorter than robe.

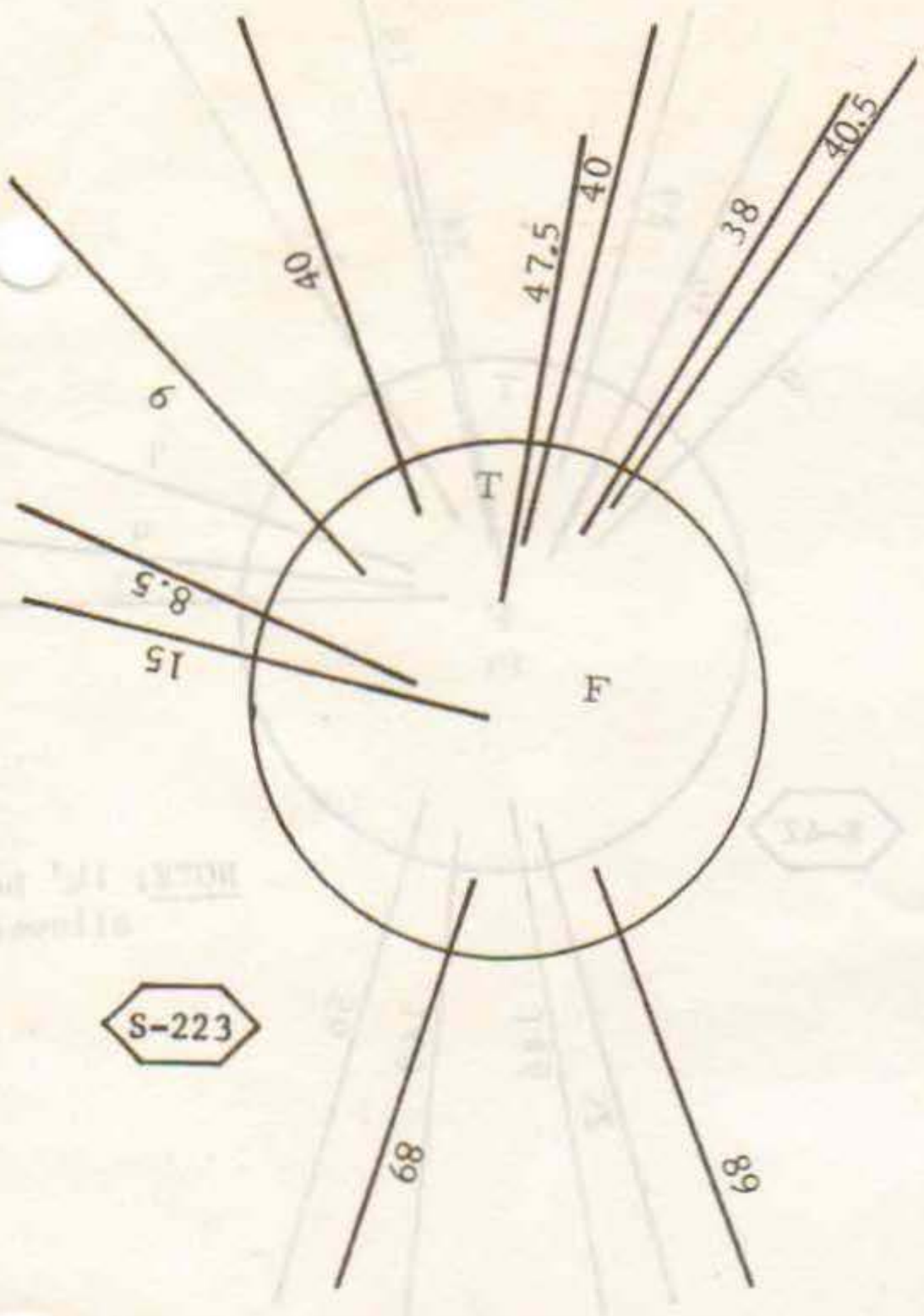



NOTE: 1½" hem allowed.

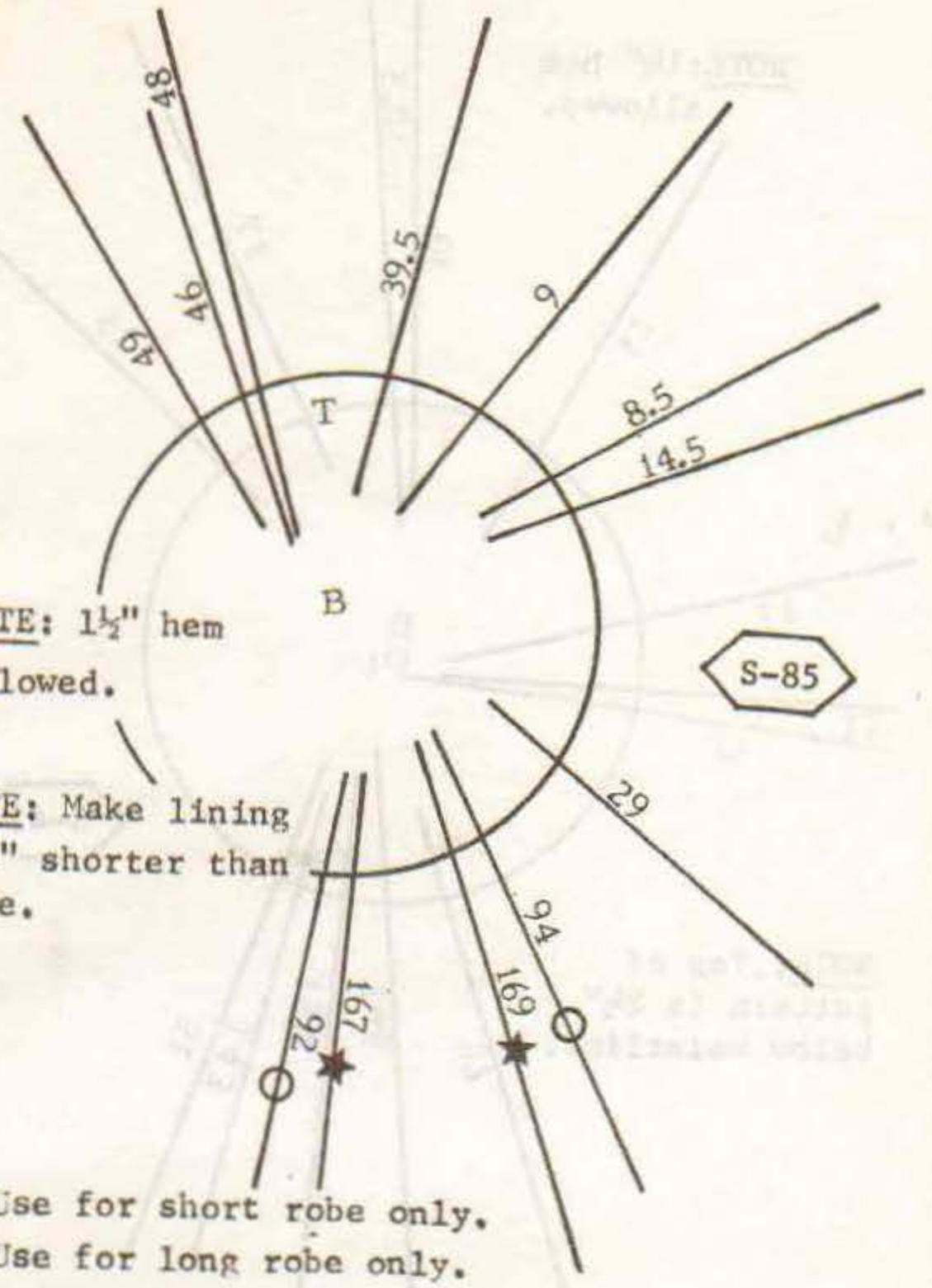
★Use for long robe only.

Φ Use for short robe only.

Sunburst V1-Ee-10




S-223

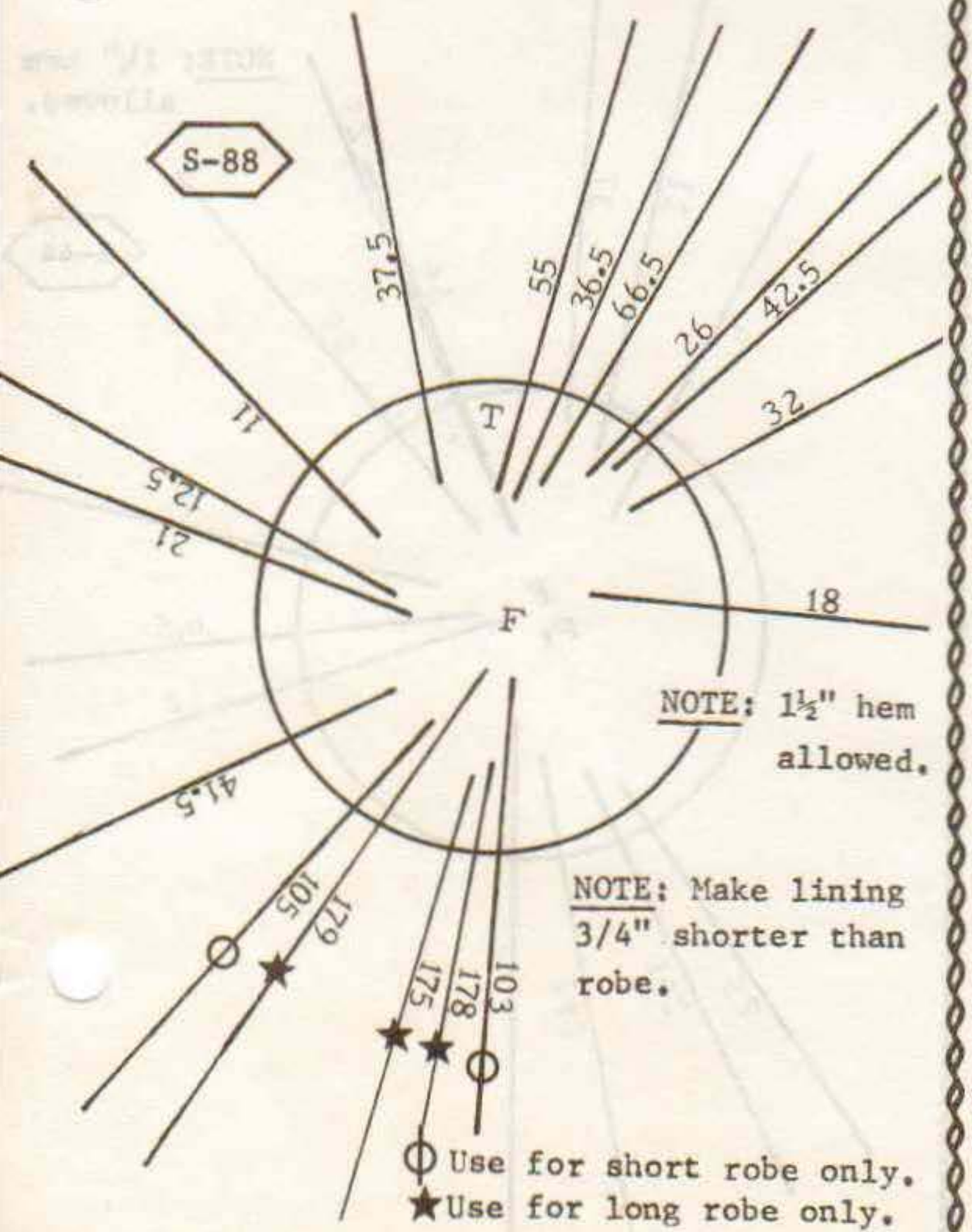



S-85

NOTE: 1½" hem allowed.

NOTE: Make lining 3/4" shorter than robe.

Ø Use for short robe only.
★ Use for long robe only.

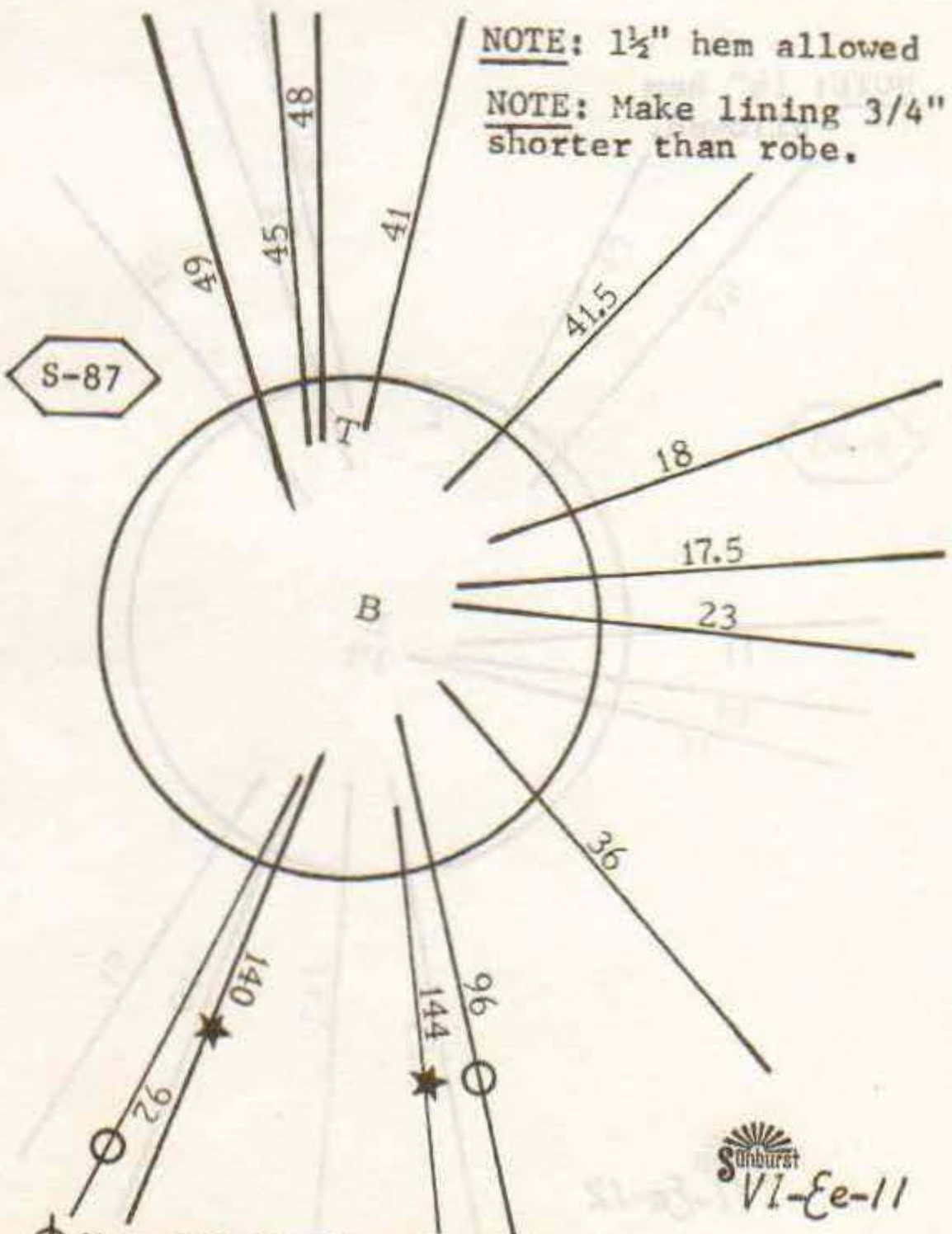



S-88

NOTE: 1½" hem allowed.

NOTE: Make lining 3/4" shorter than robe.

Ø Use for short robe only.
★ Use for long robe only.




S-87

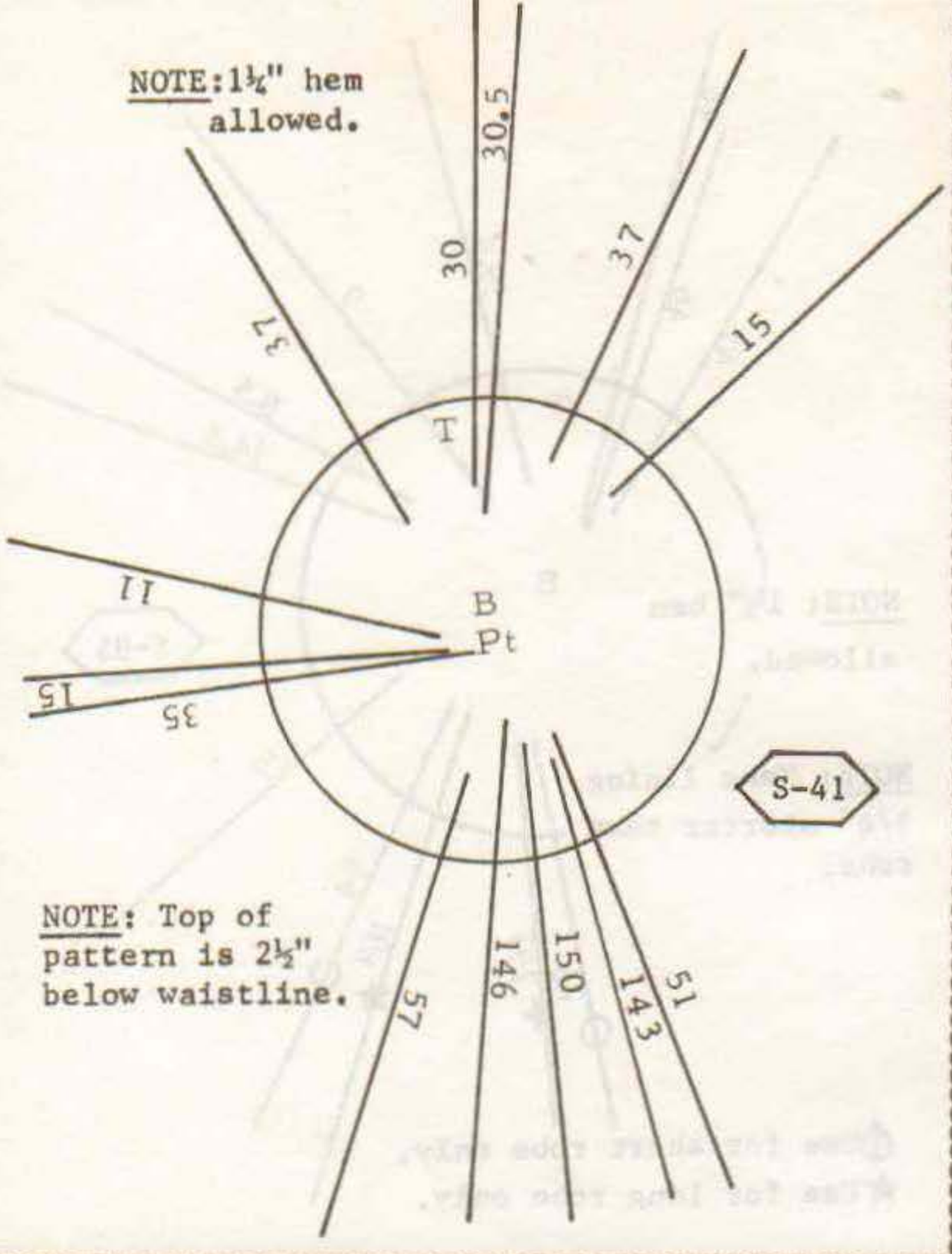
NOTE: 1½" hem allowed

NOTE: Make lining 3/4" shorter than robe.

Ø Use for short robe only.
★ Use for long robe only.

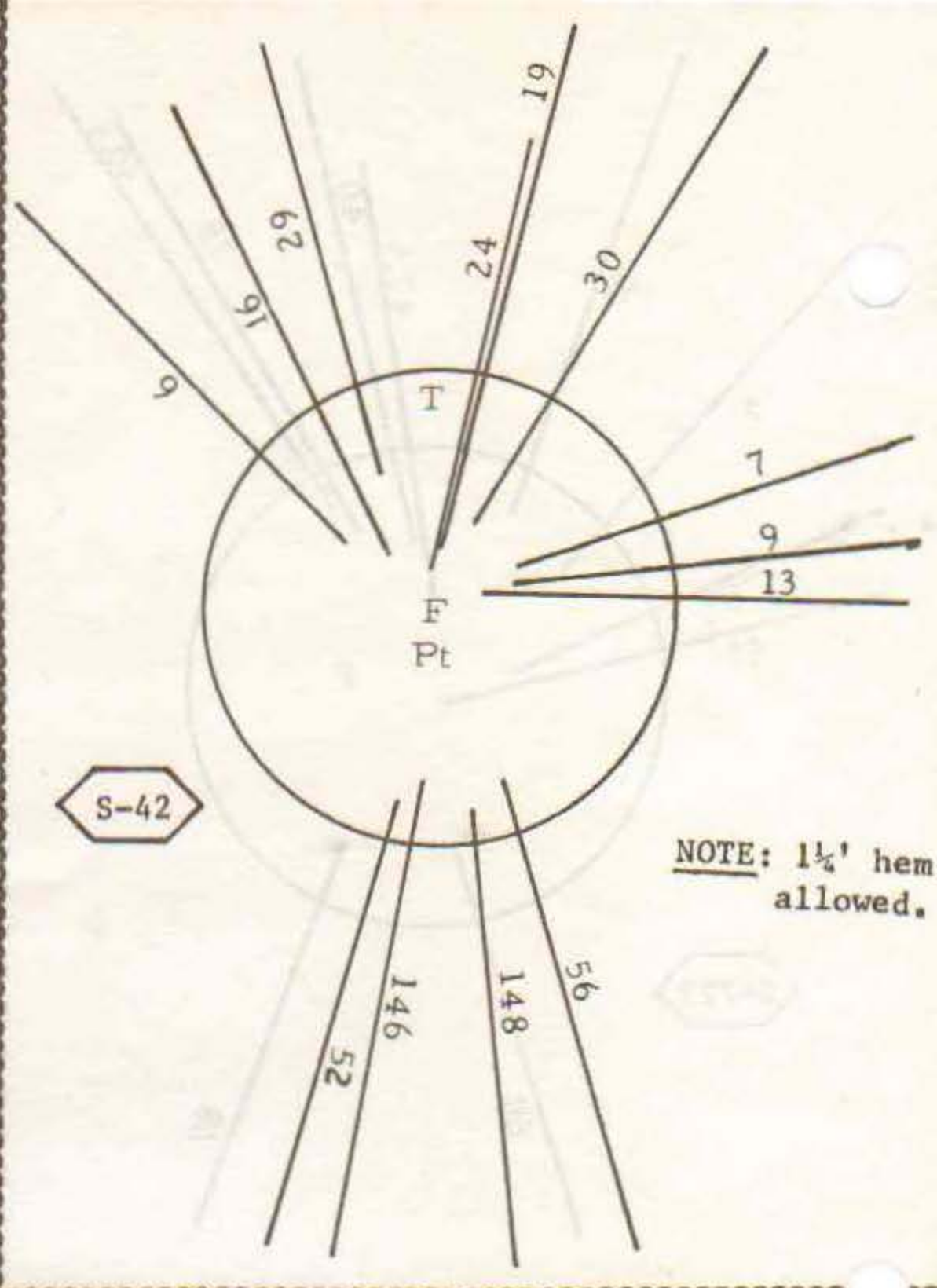
Sunburst
VI-Ee-11

NOTE: 1¼" hem allowed.




S-41

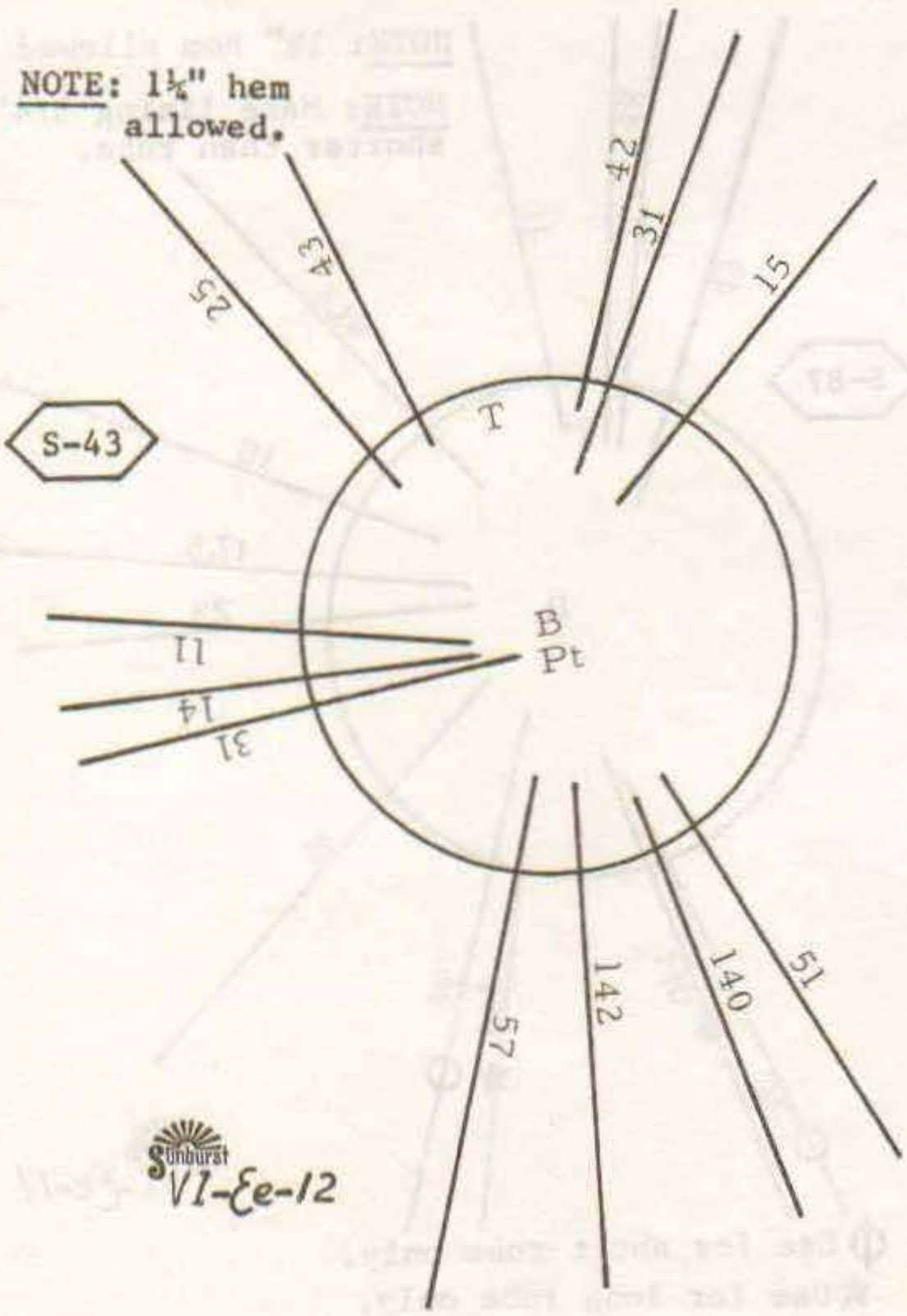
NOTE: Top of pattern is 2½" below waistline.




S-42

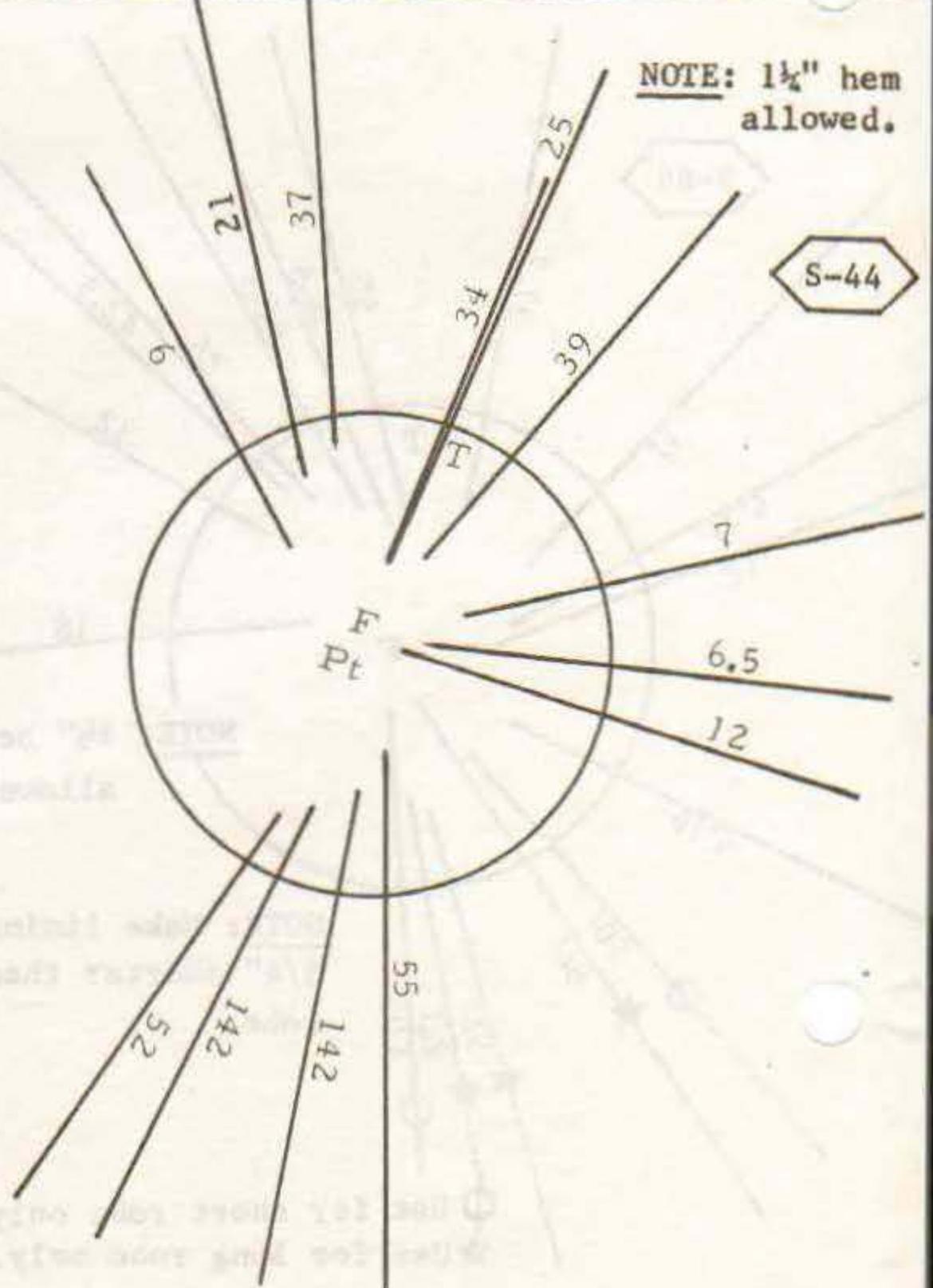
NOTE: 1¼' hem allowed.

NOTE: 1¼" hem allowed.



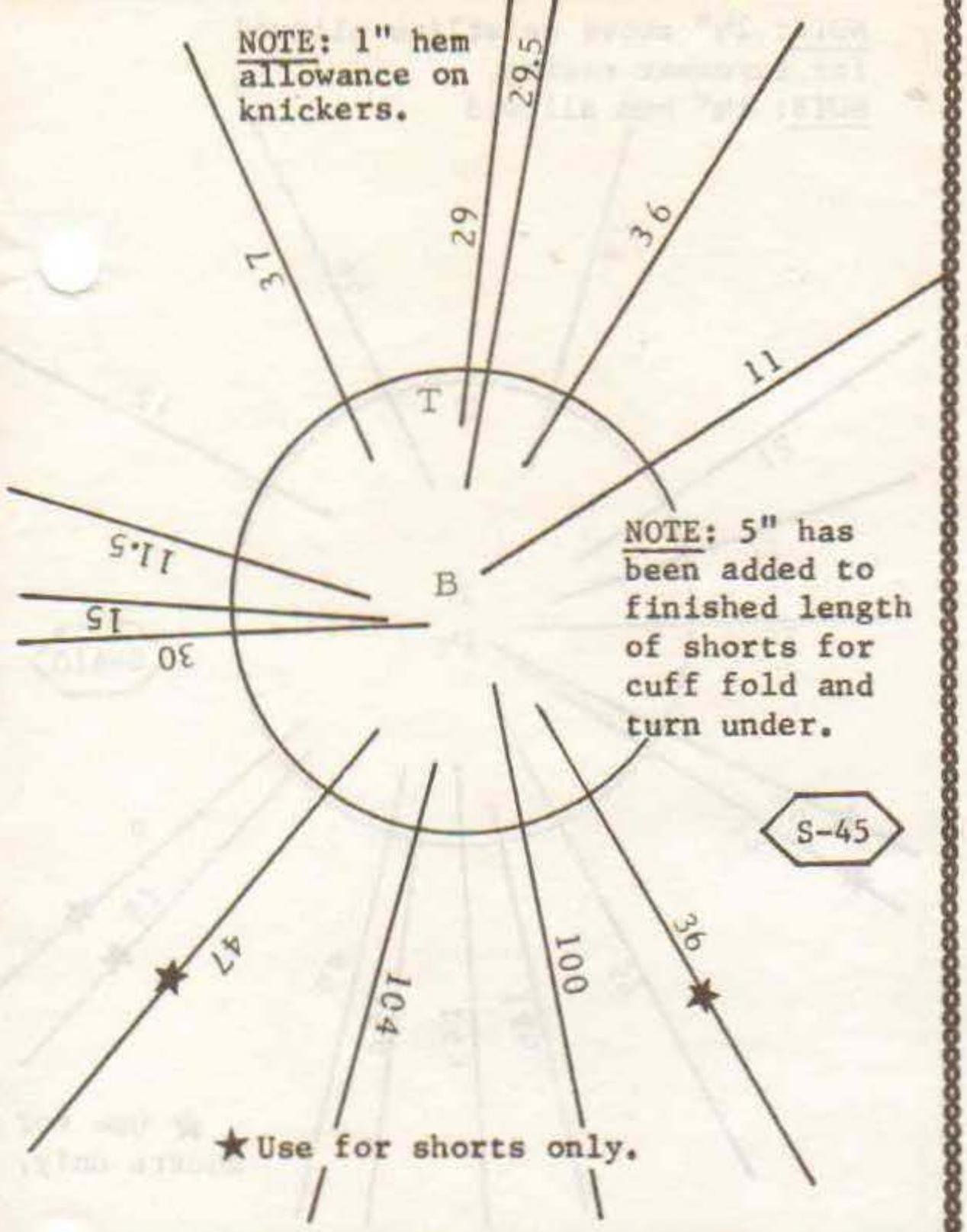

S-43

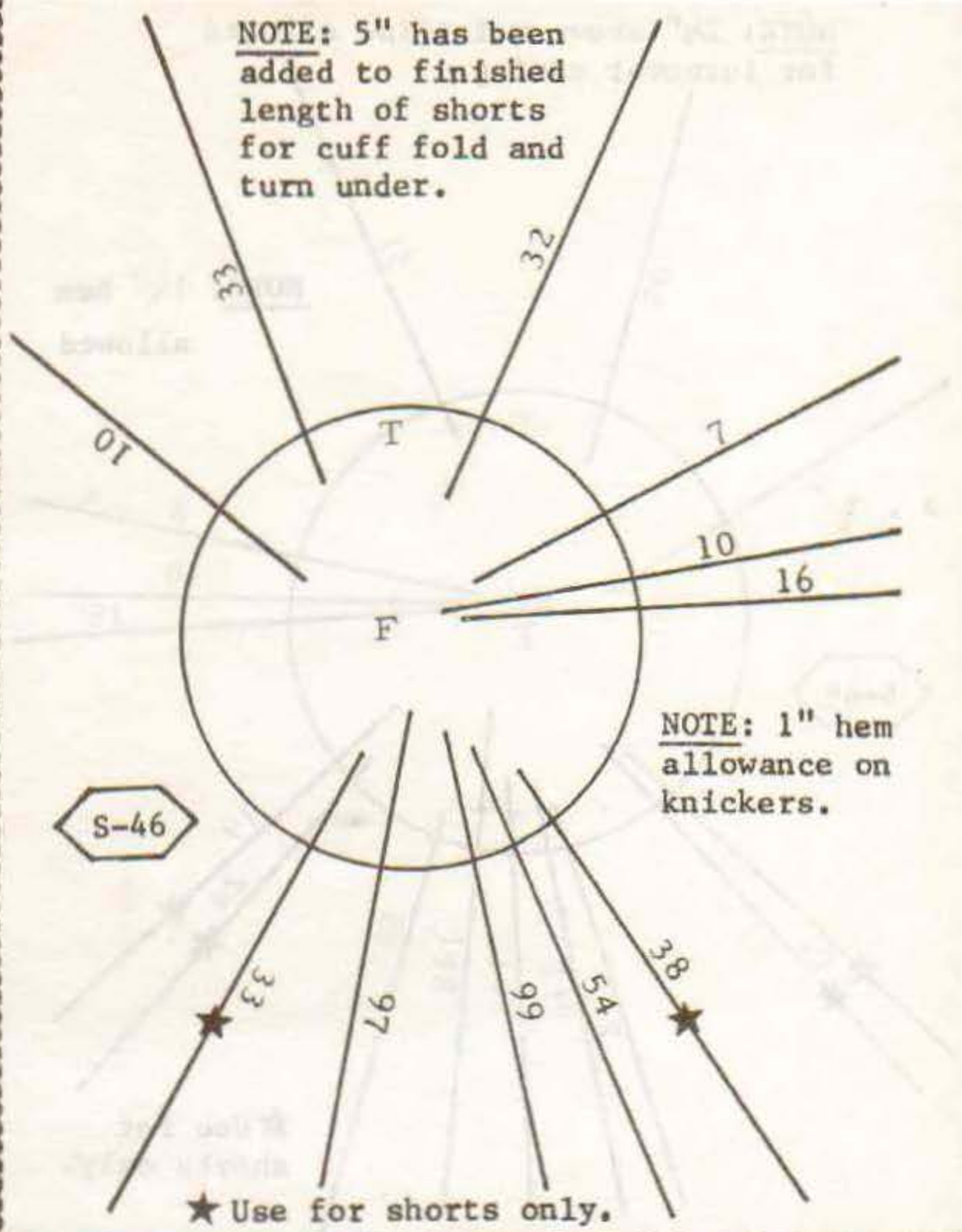
NOTE: 1¼" hem allowed.

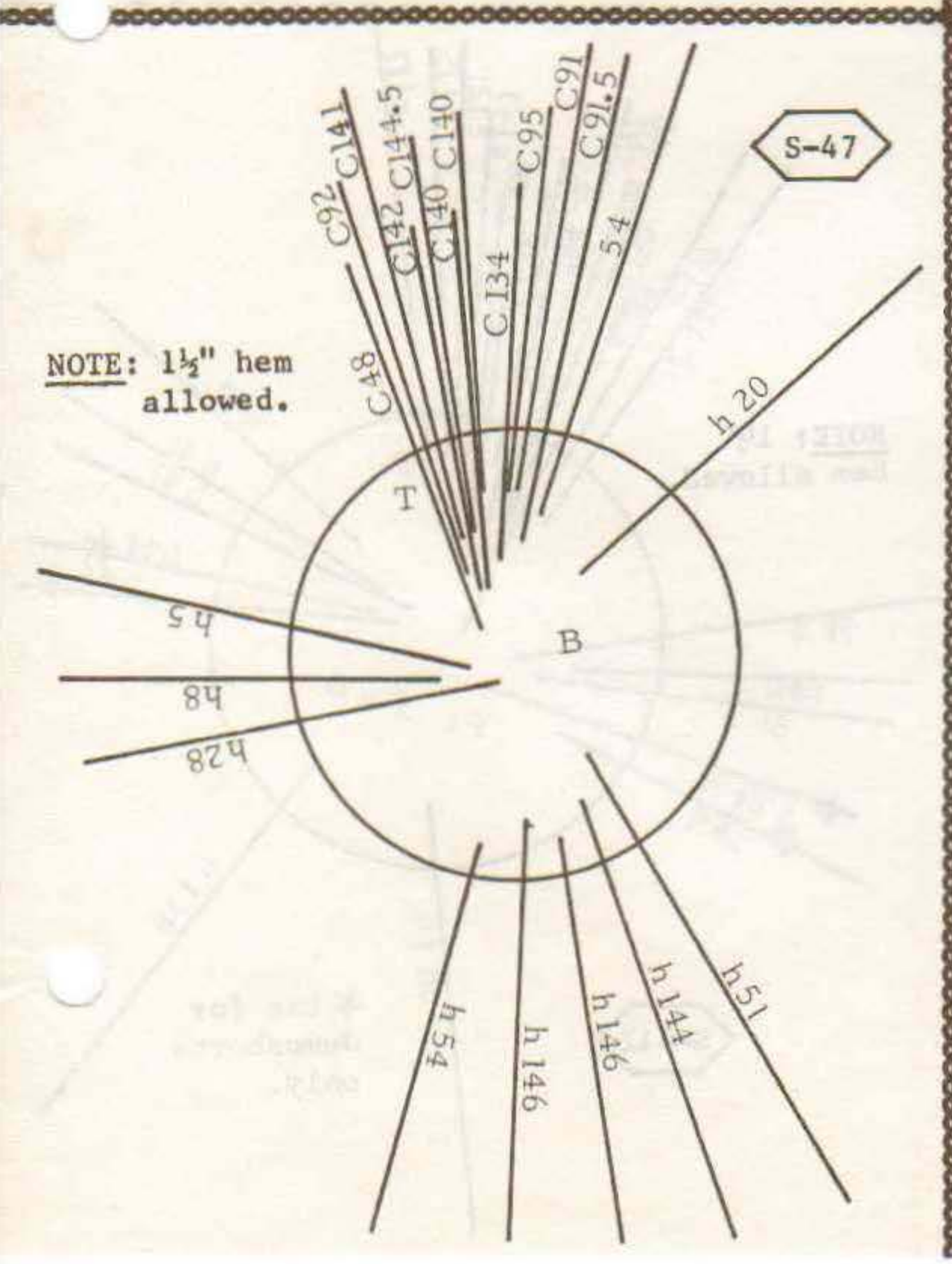


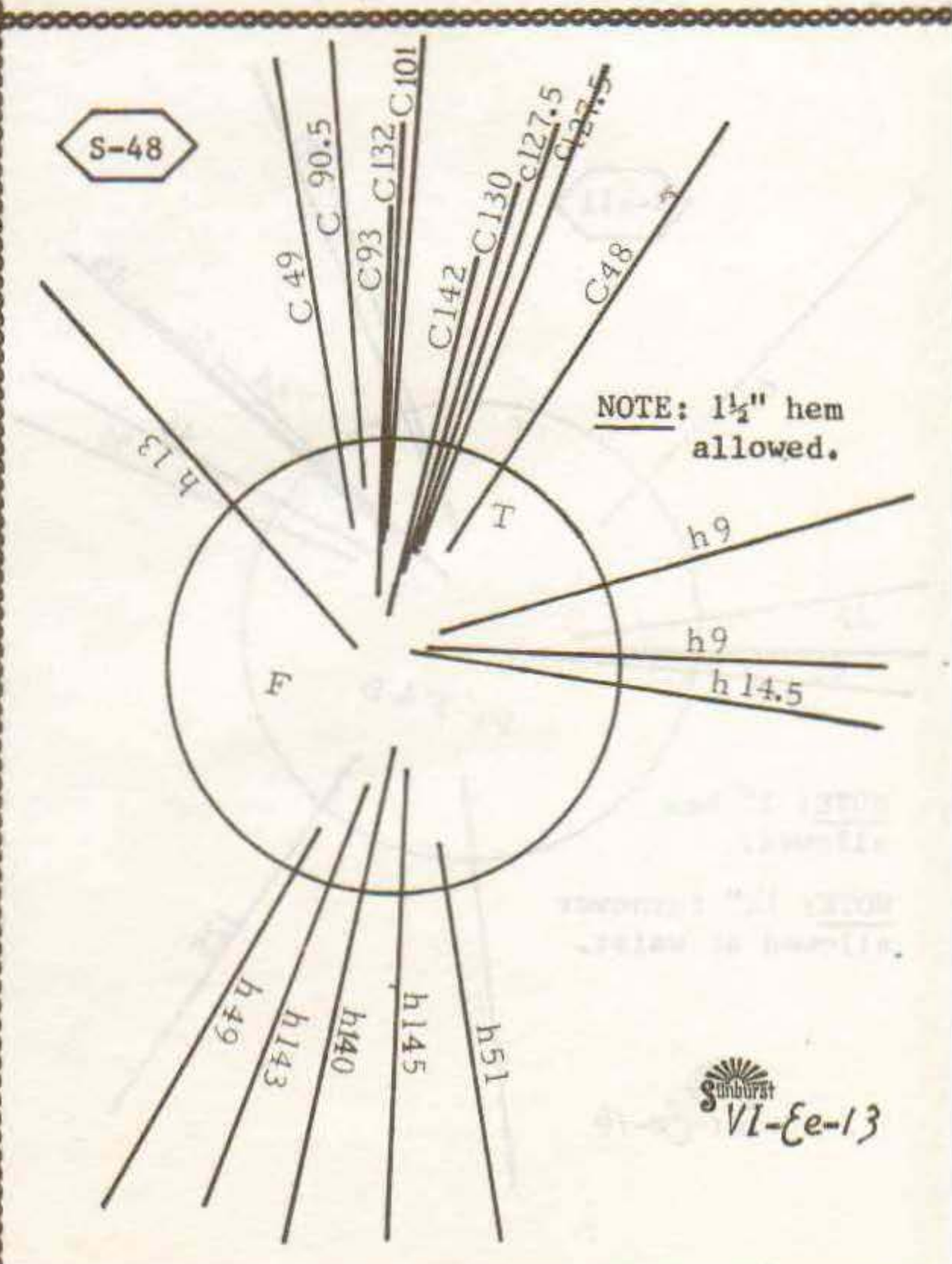

S-44

Sunburst
VI-Ee-12



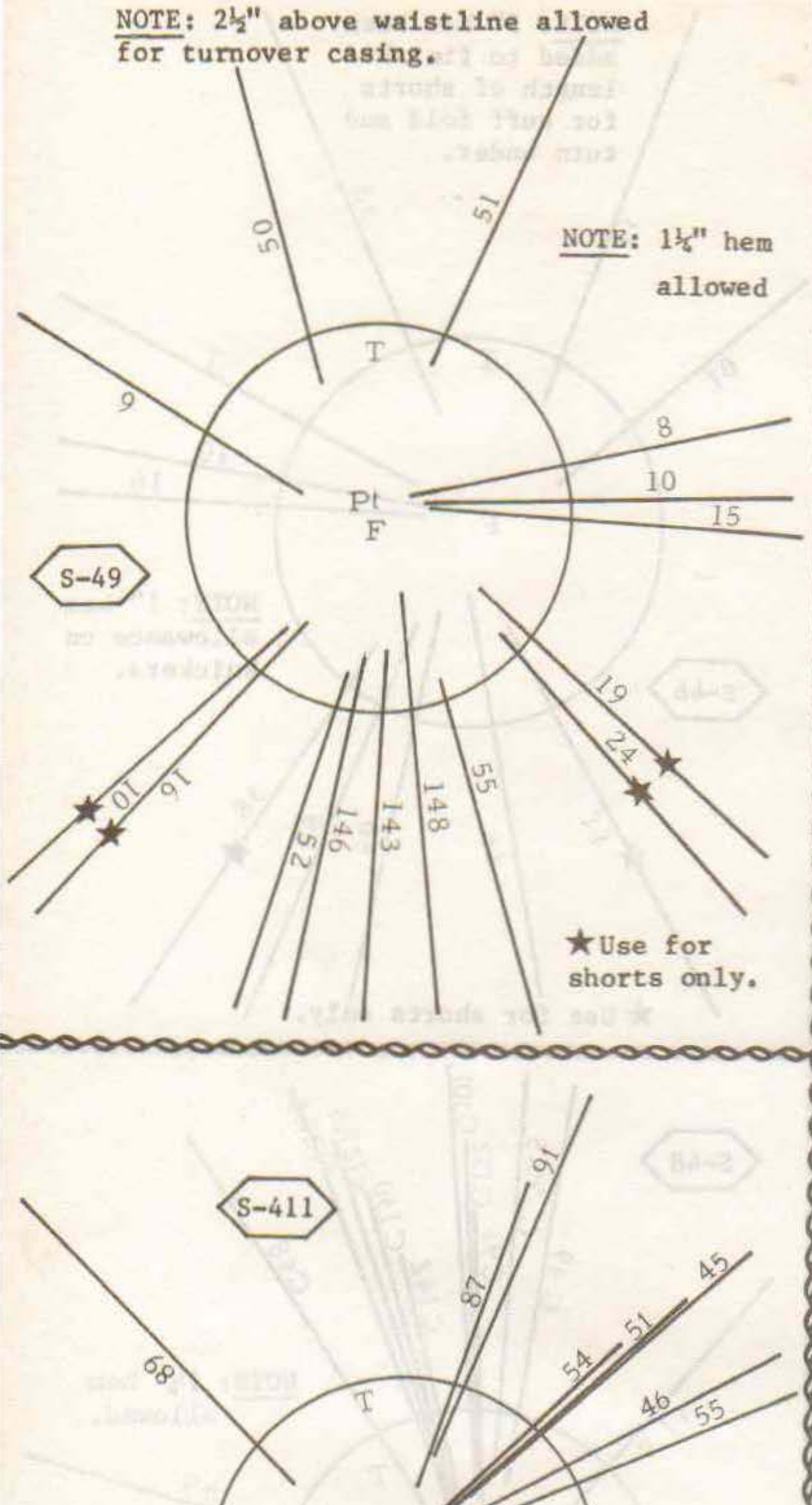




Sunburst
VI-Ee-13

NOTE: 2½" above waistline allowed for turnover casing.

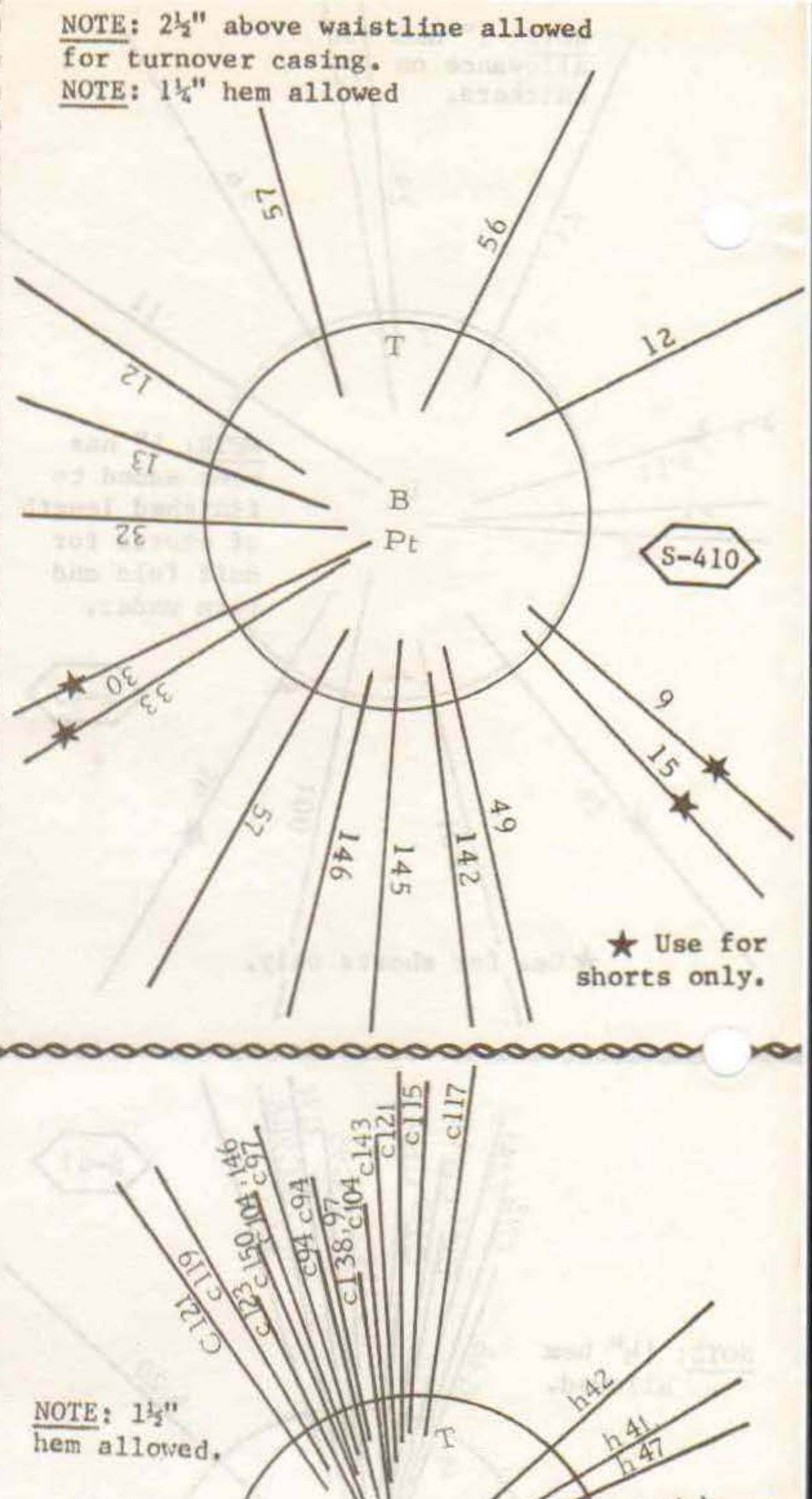
NOTE: 1¼" hem allowed



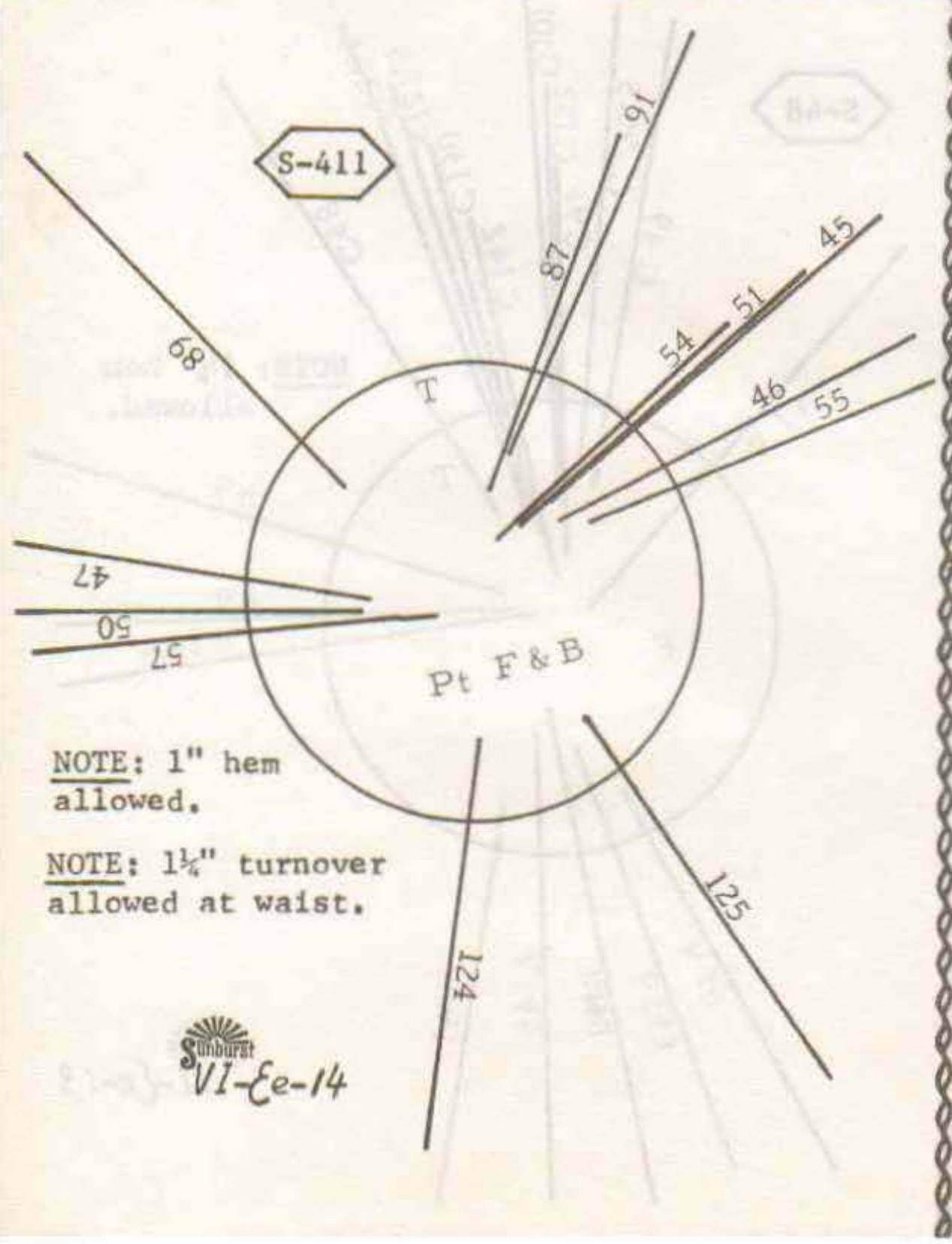

★Use for shorts only.

NOTE: 2½" above waistline allowed for turnover casing.

NOTE: 1¼" hem allowed

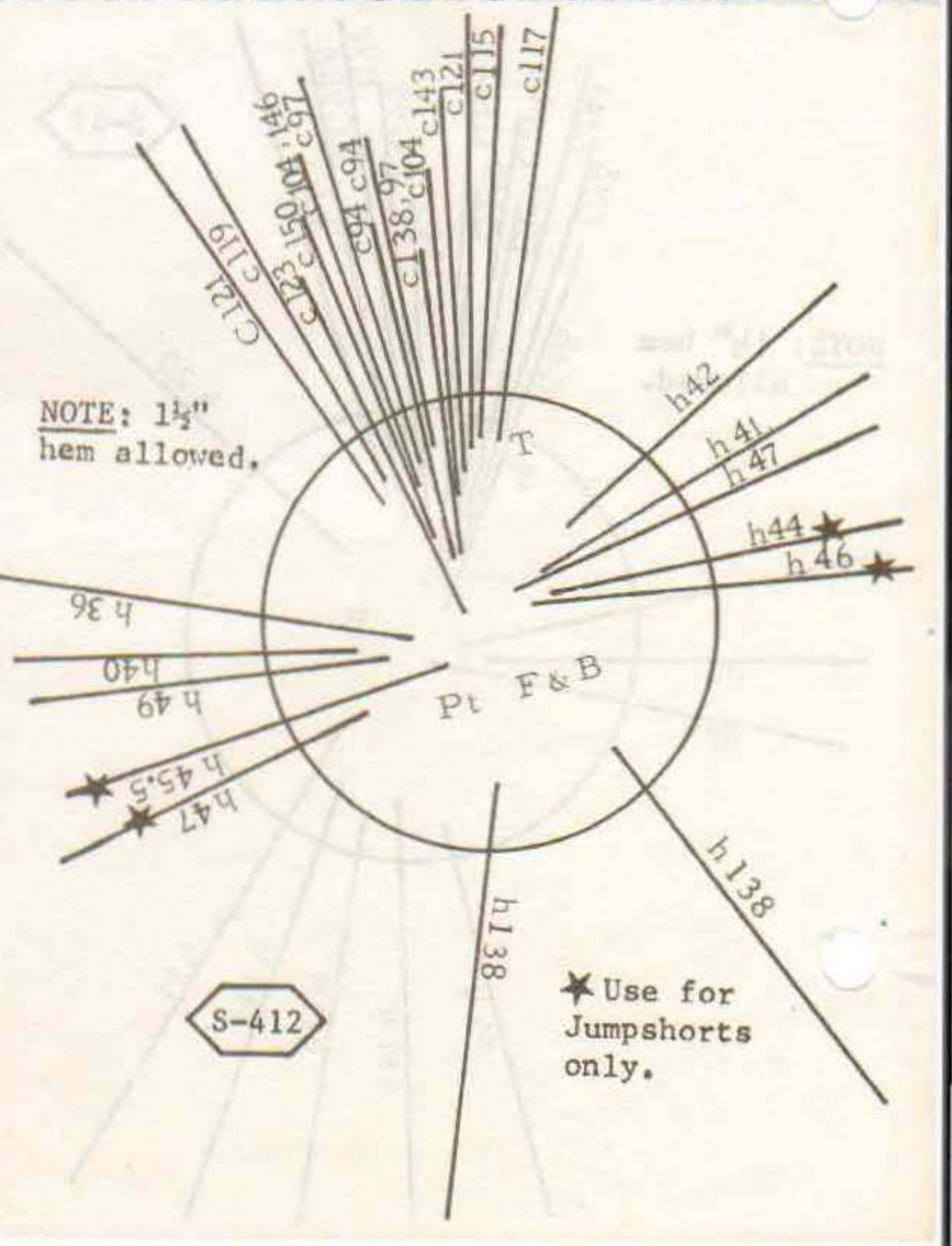



★ Use for shorts only.




NOTE: 1" hem allowed.

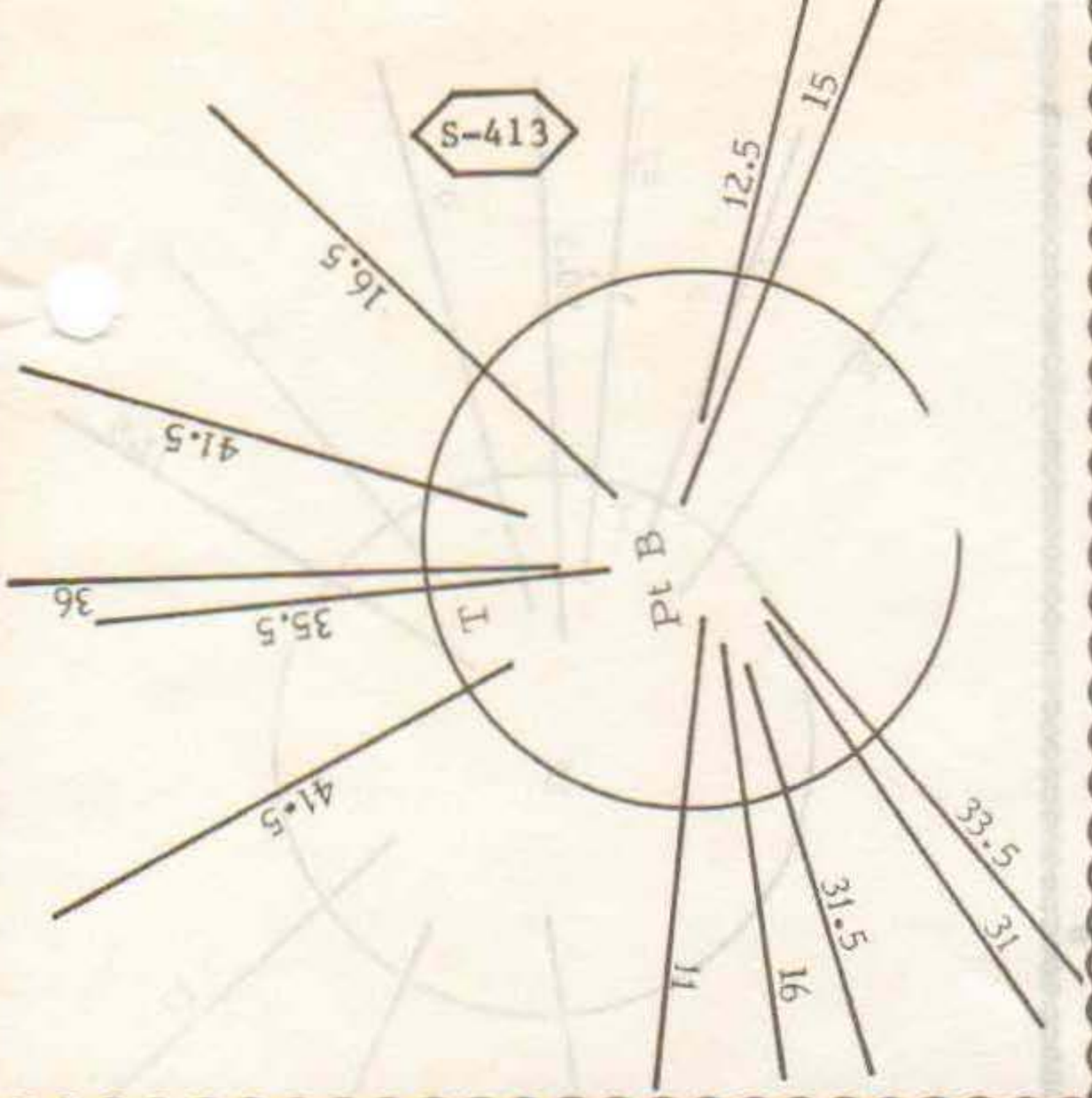
NOTE: 1¼" turnover allowed at waist.



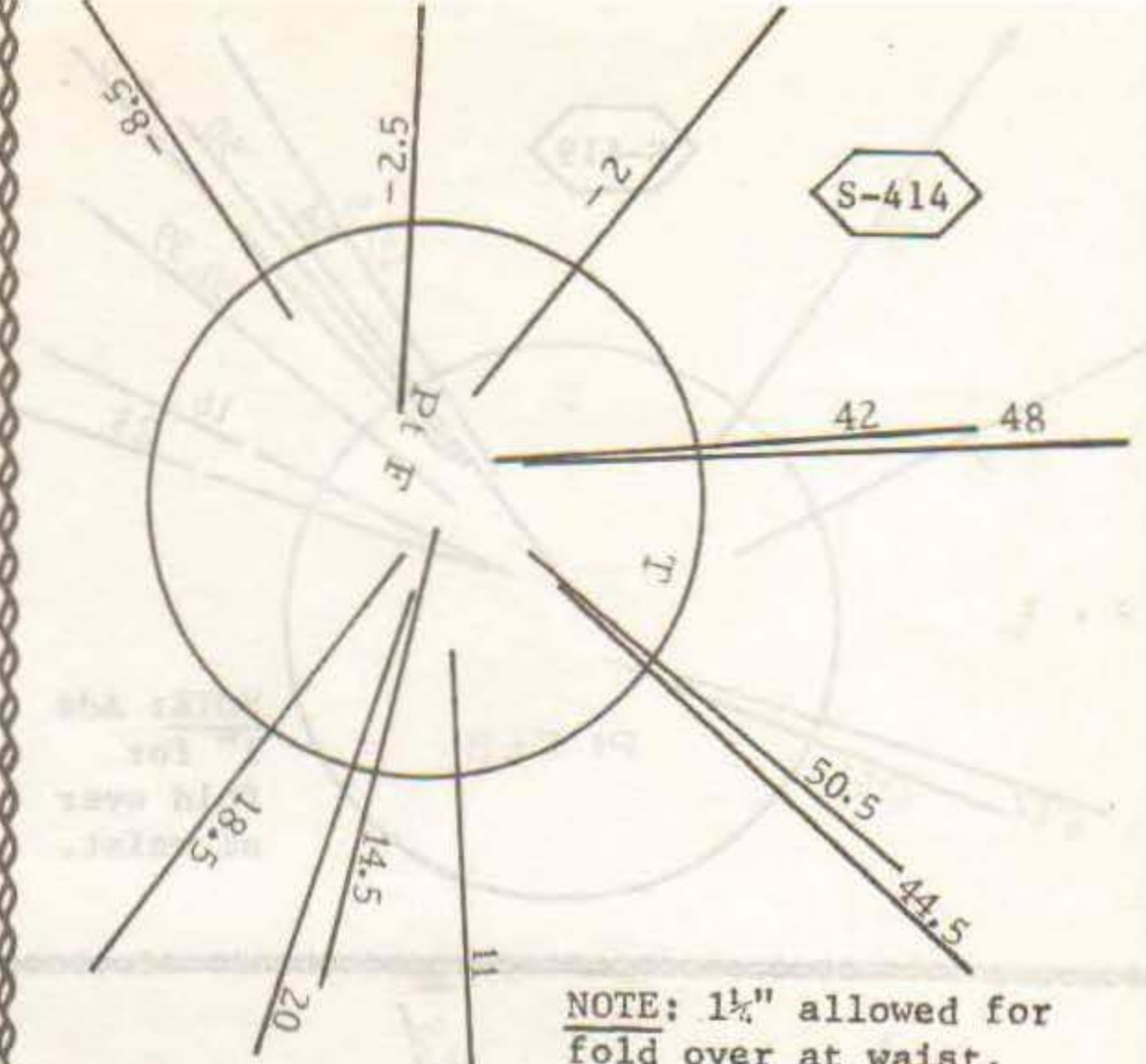

★Use for Jumpshorts only.

Sunburst VI-Ee-14

S-413

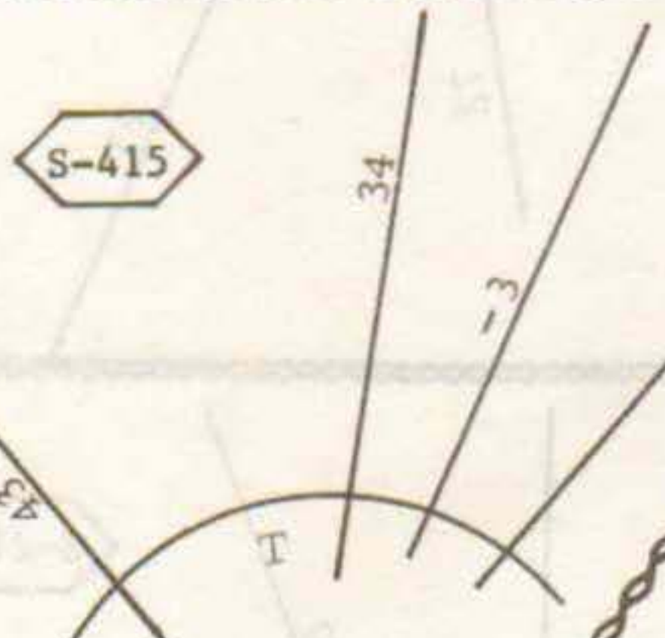



S-414

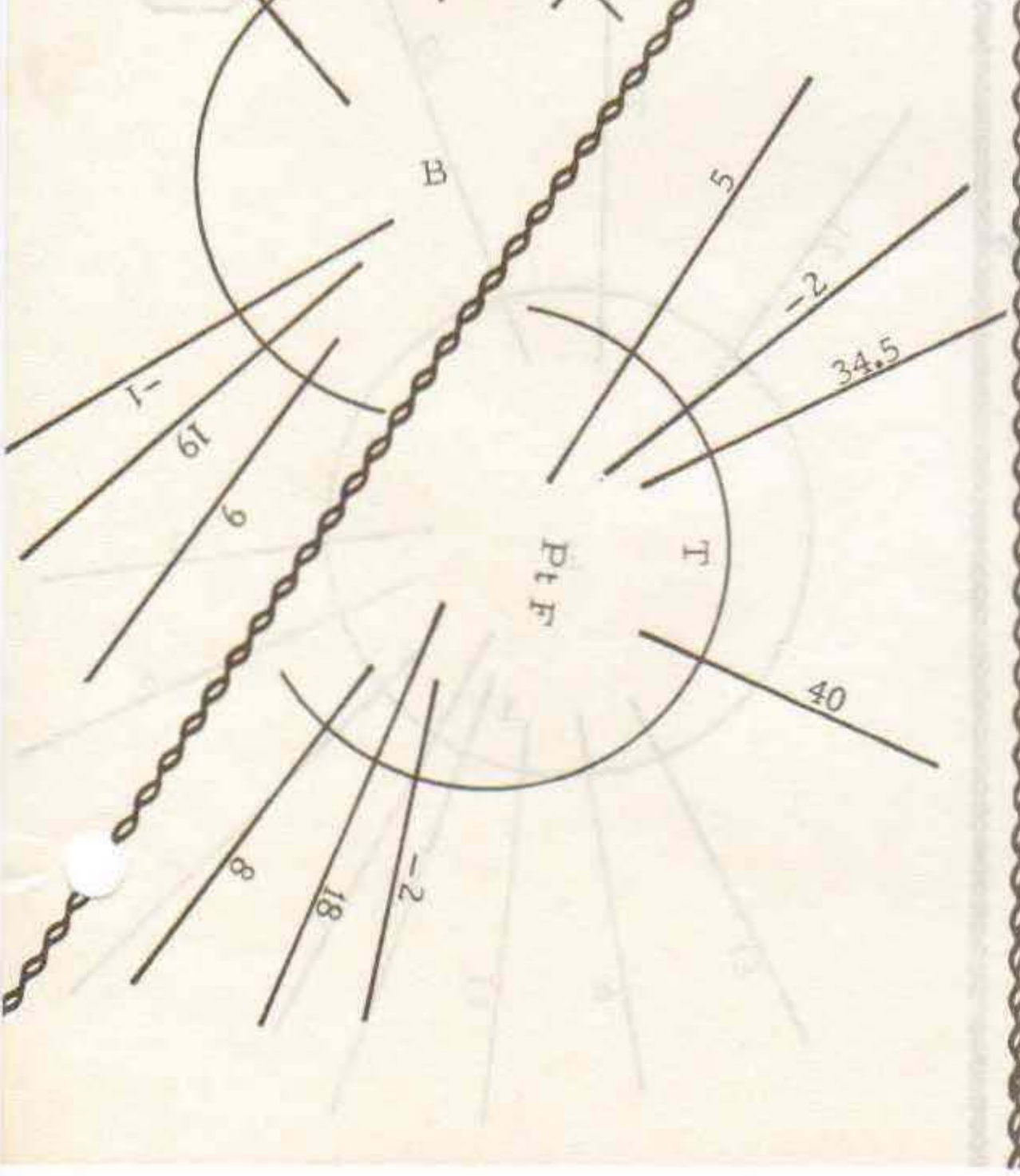



NOTE: 1½" allowed for fold over at waist.

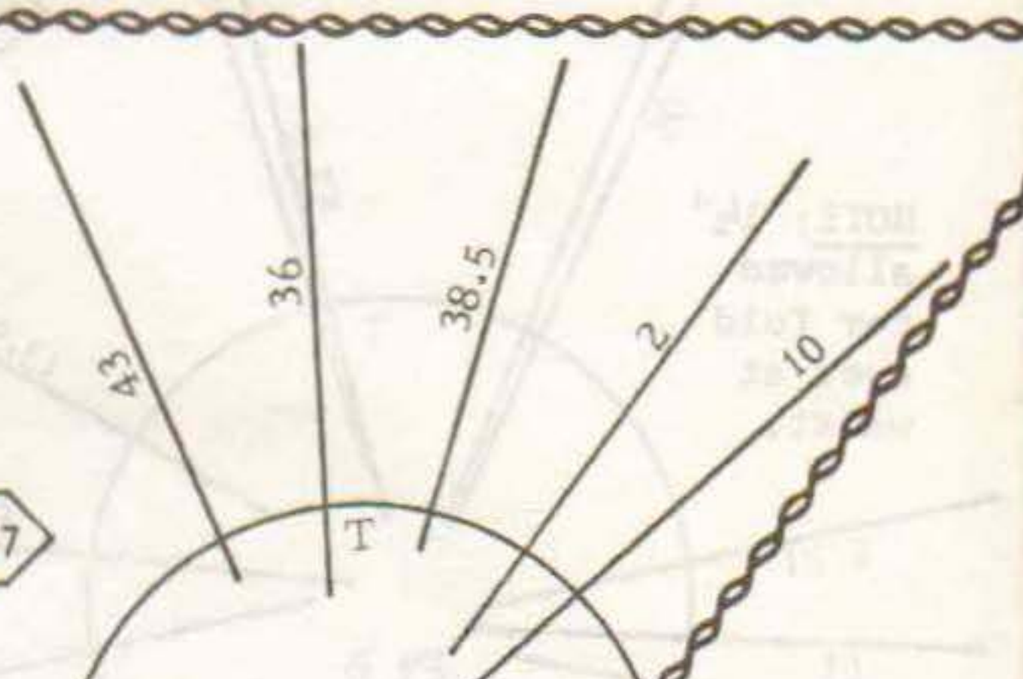
S-415

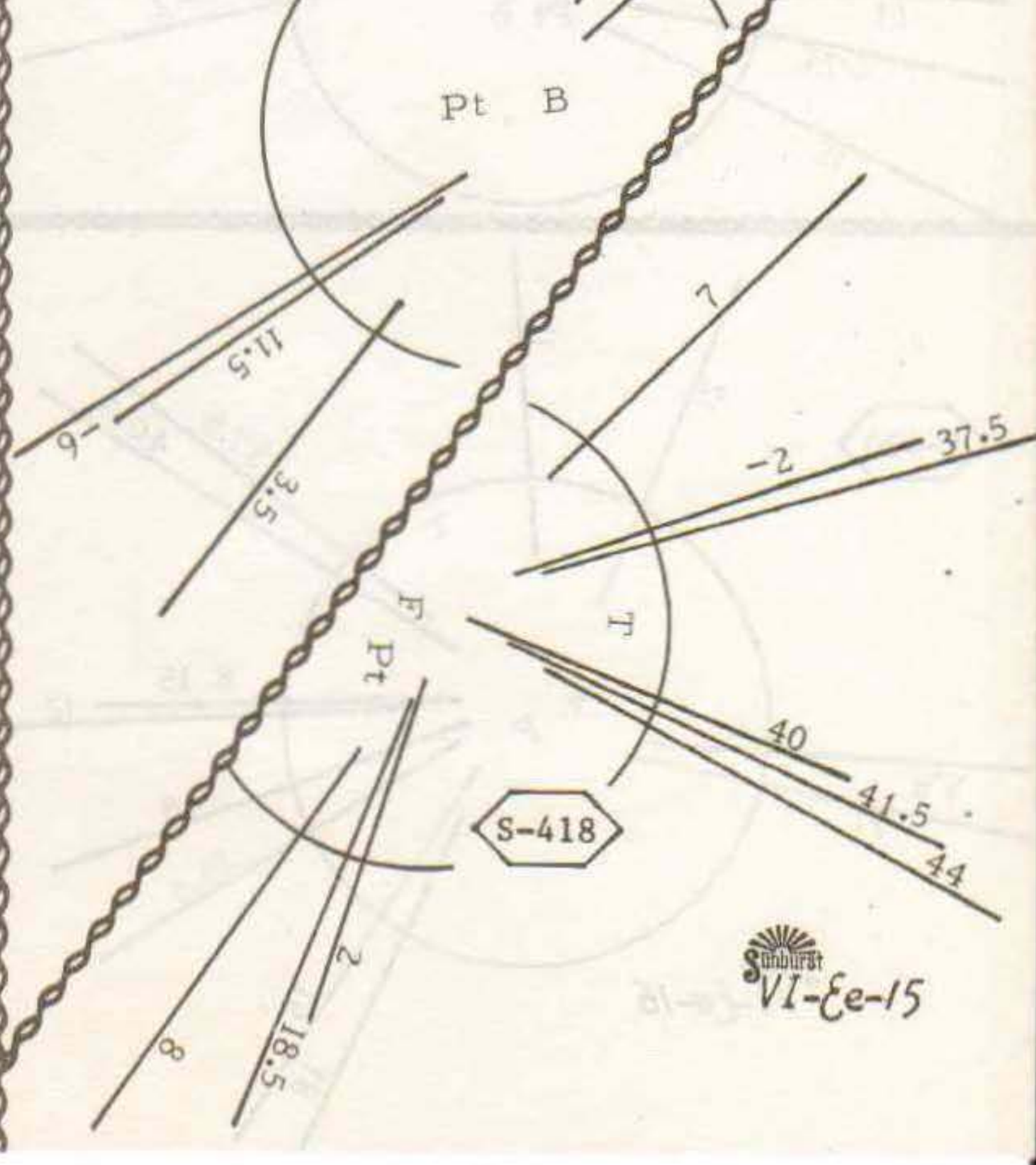



S-416




S-417

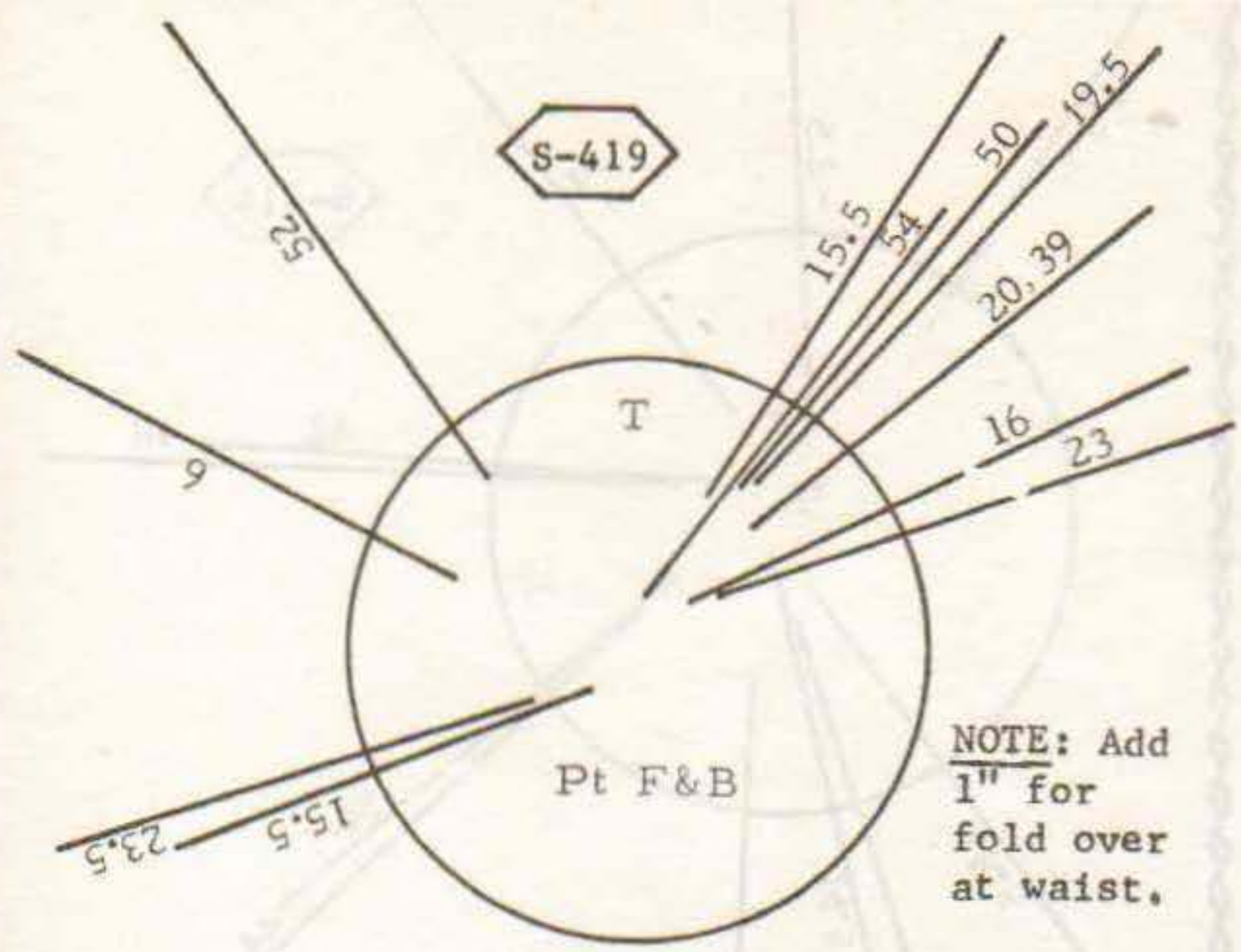



S-418

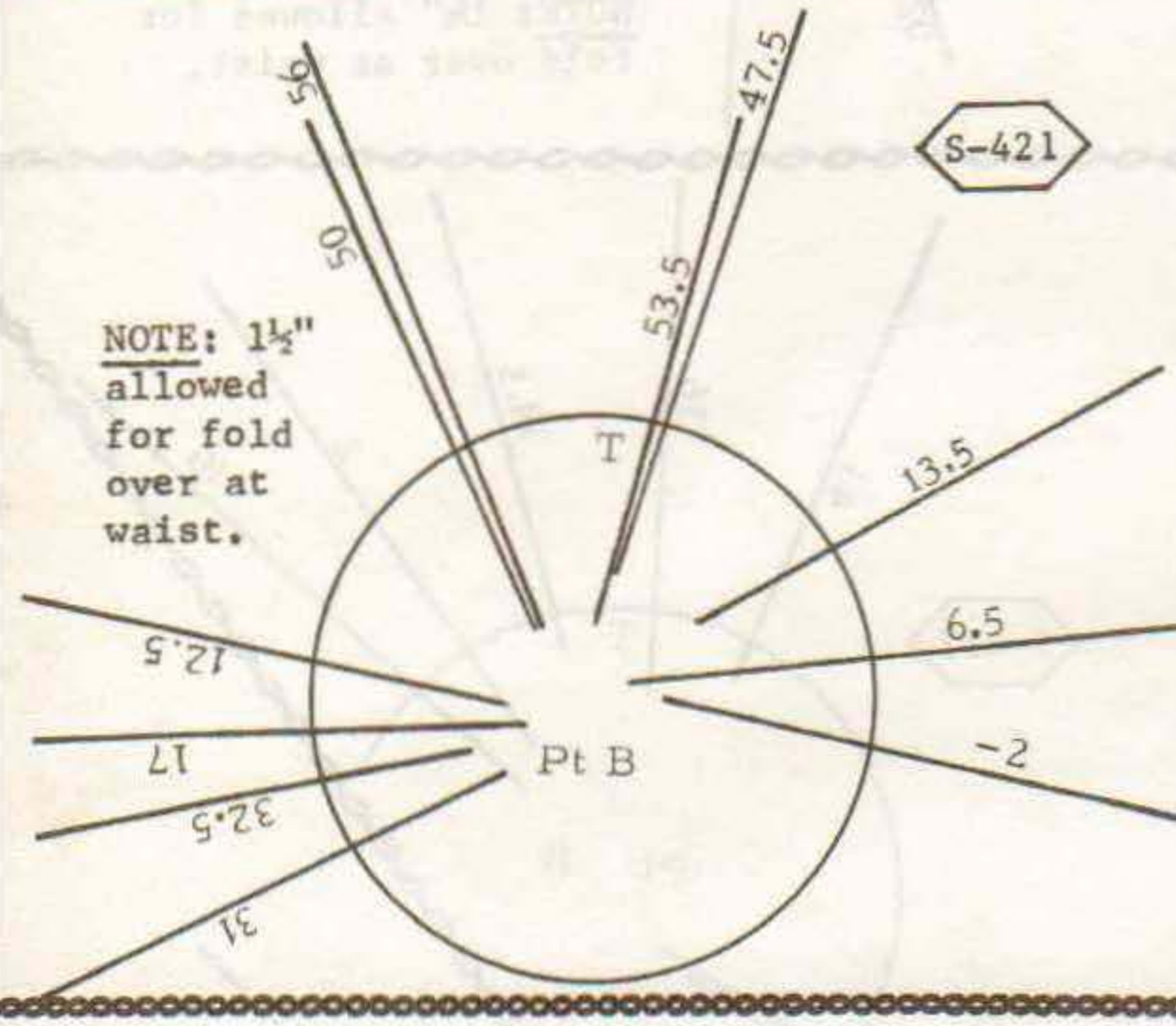
Sunburst VI-Ee-15

S-419



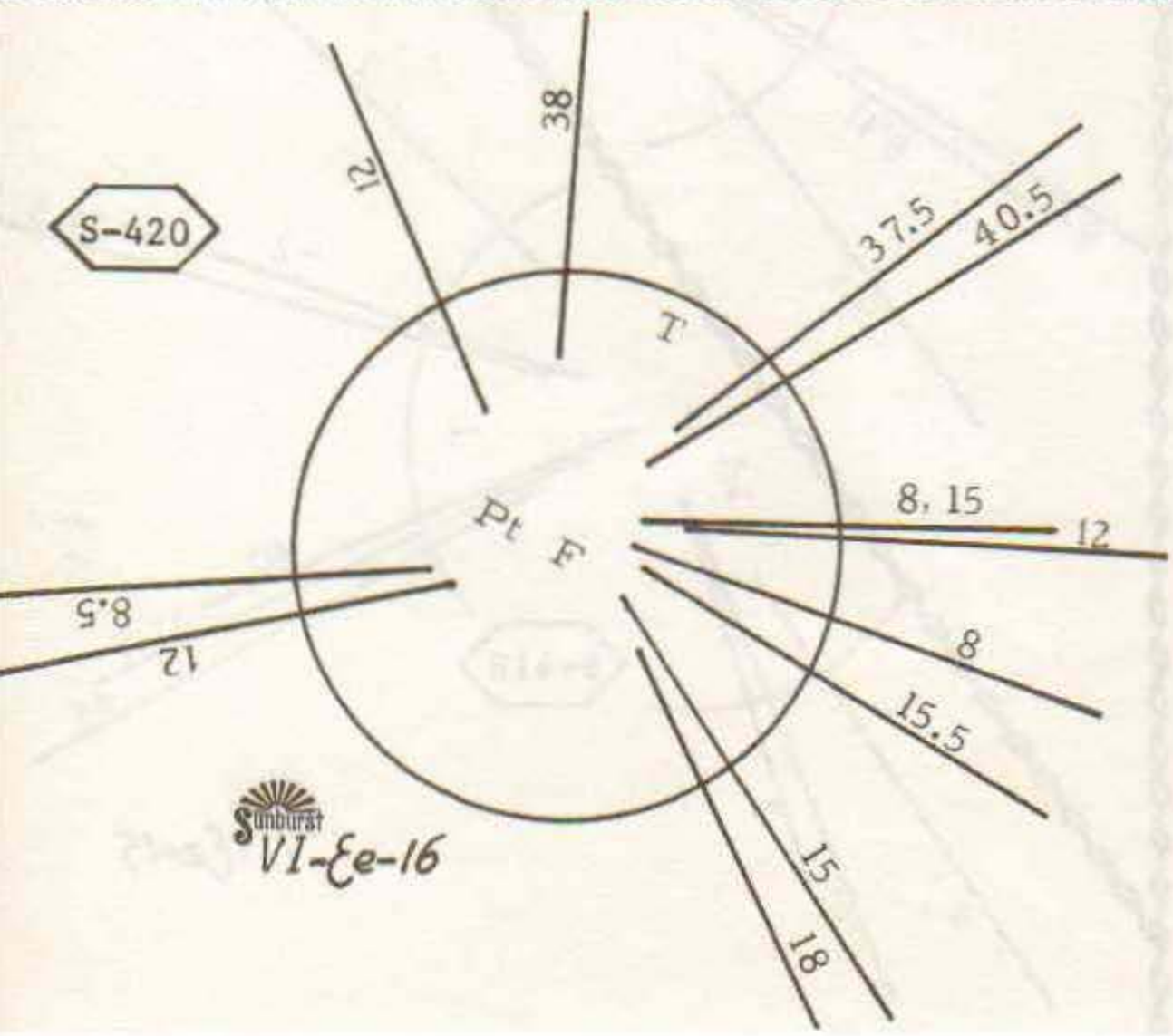

NOTE: Add 1" for fold over at waist.

S-421



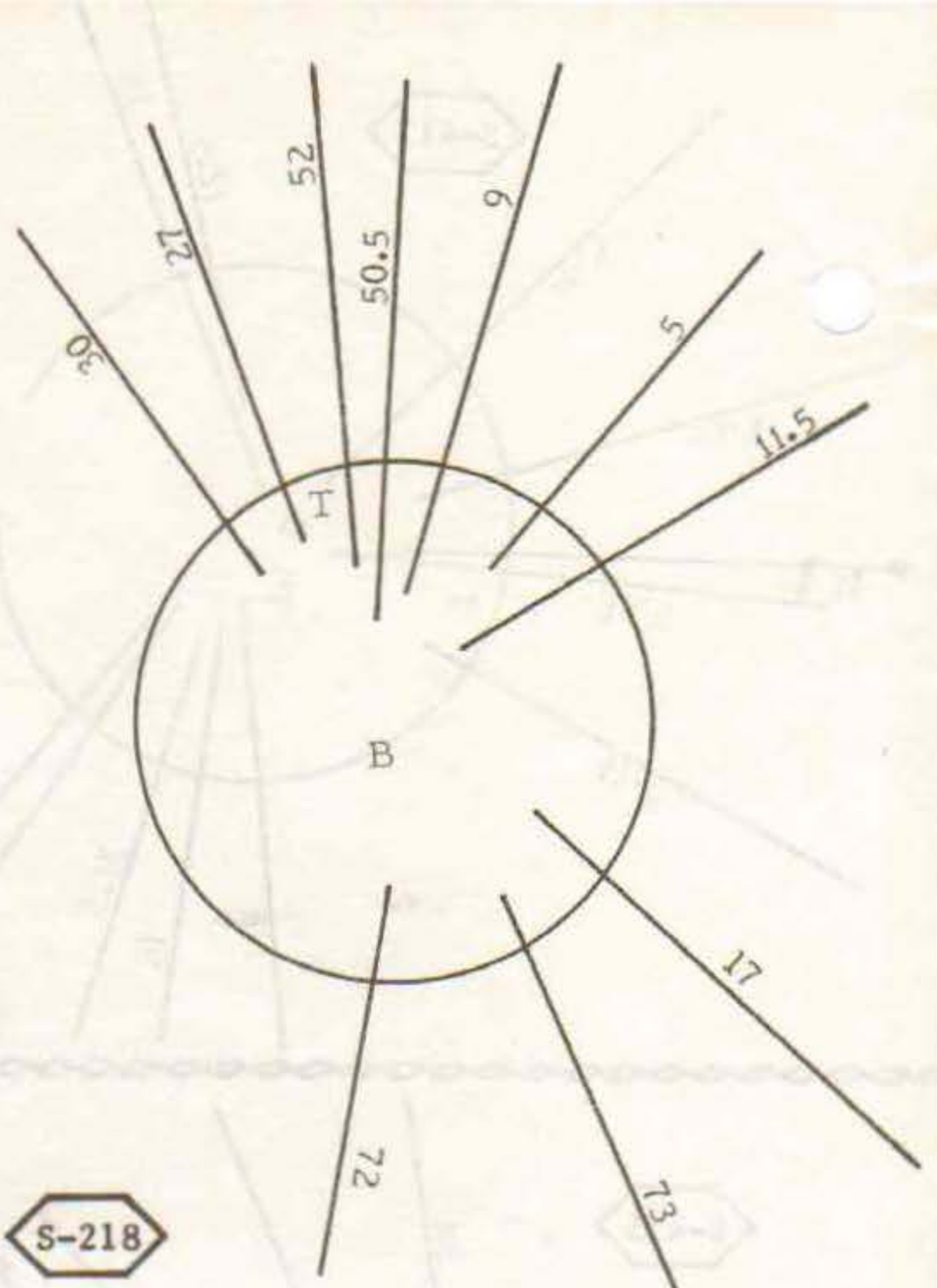

NOTE: 1½" allowed for fold over at waist.

S-420

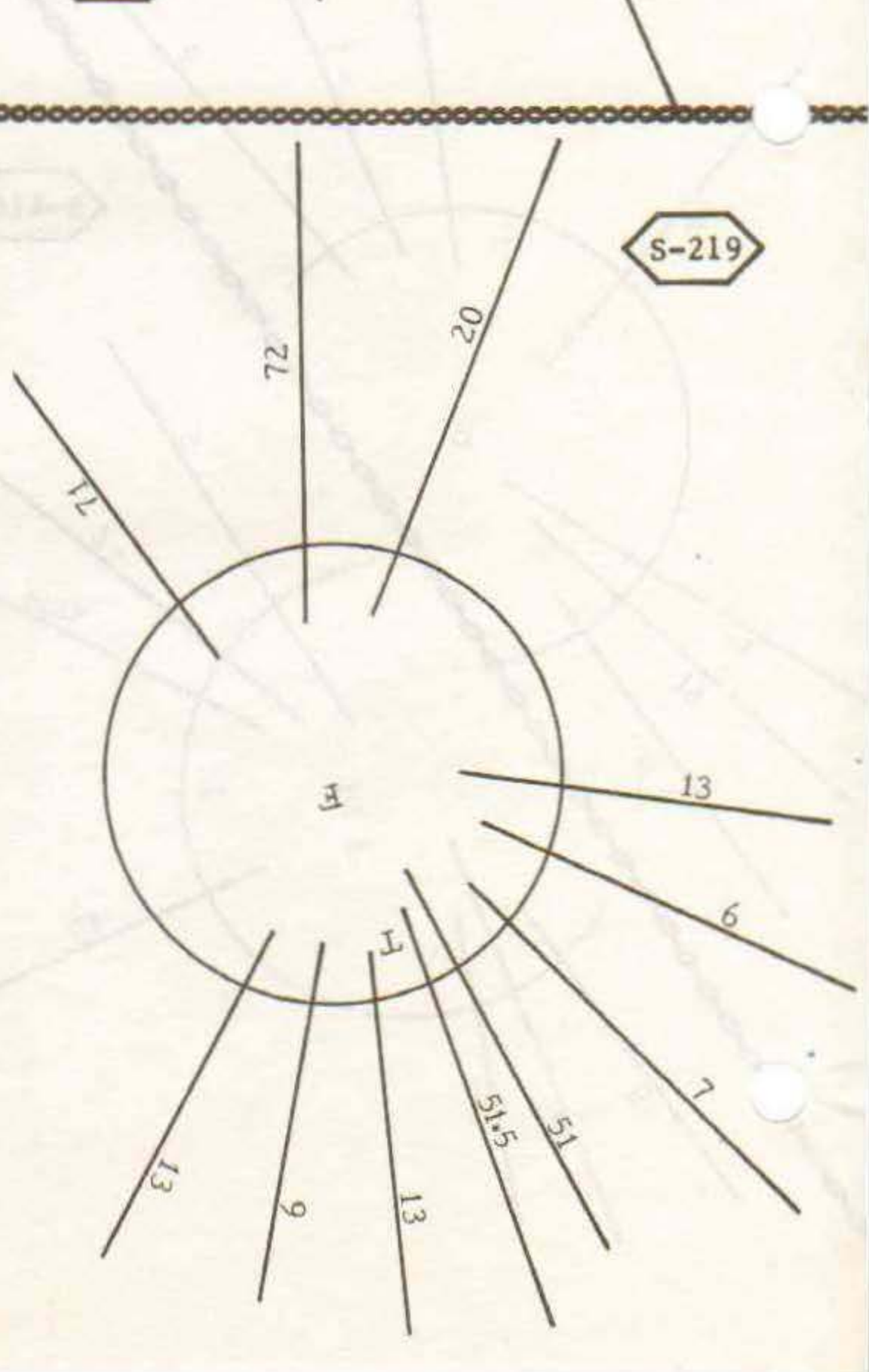



Sunburst
VI-Ee-16

S-218




S-219



S-422

S-423

☆ Side pocket only

◇ Welt pocket only

★ Bell Bottoms - high front leg, low back leg (1½" hem allowed.)

∅ Straight pants only. (No Cuff; finished length + 2" hem allowed.)
(For Cuff; add 2" to fold line for cuff - add 1½" more to turn under.)

◆ Jean cut Bell Bottoms (No cuff, 2" hem allowed.)

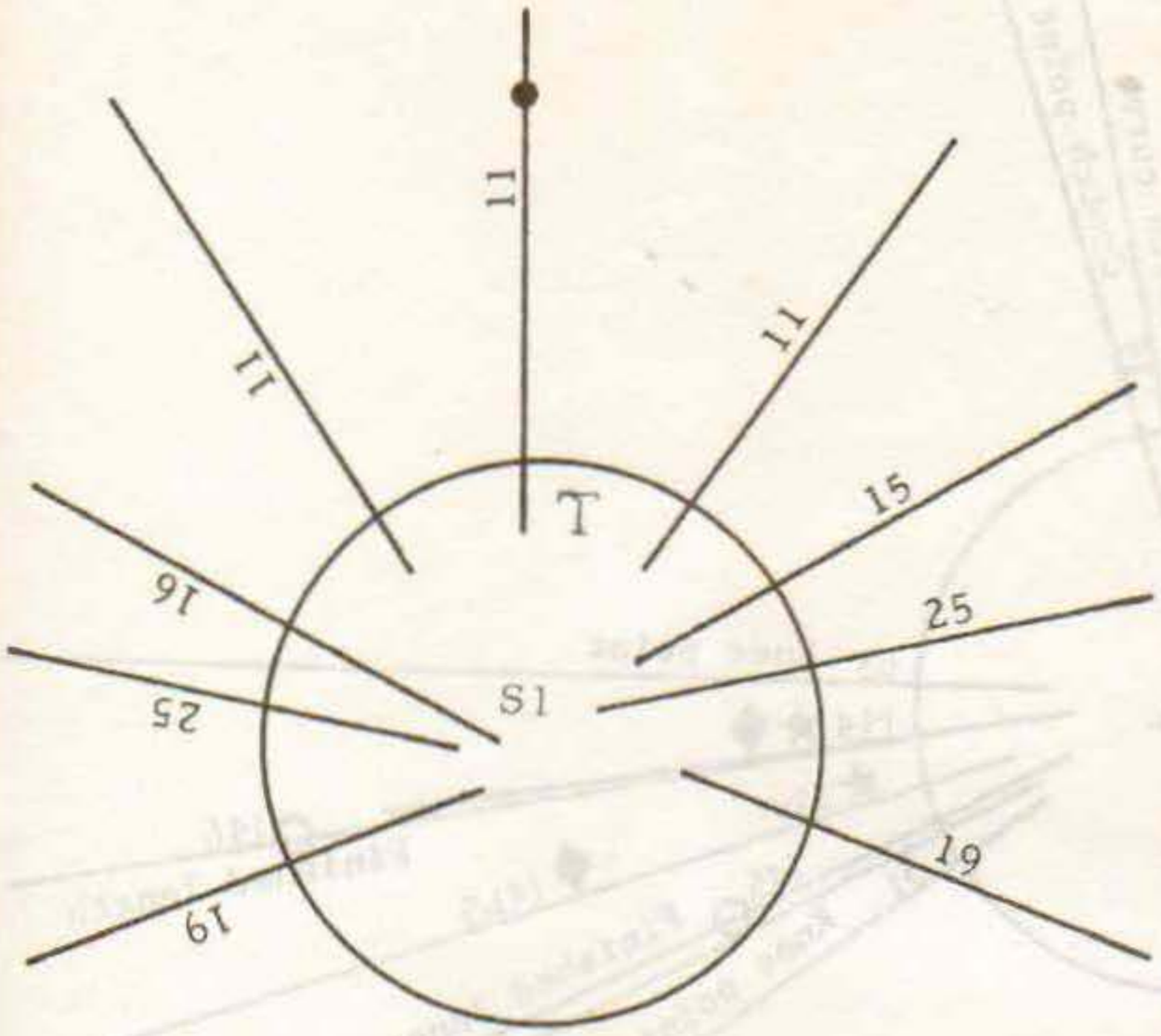
NOTE: All styles use knee points.

NOTE: Waistband allowance 1½".

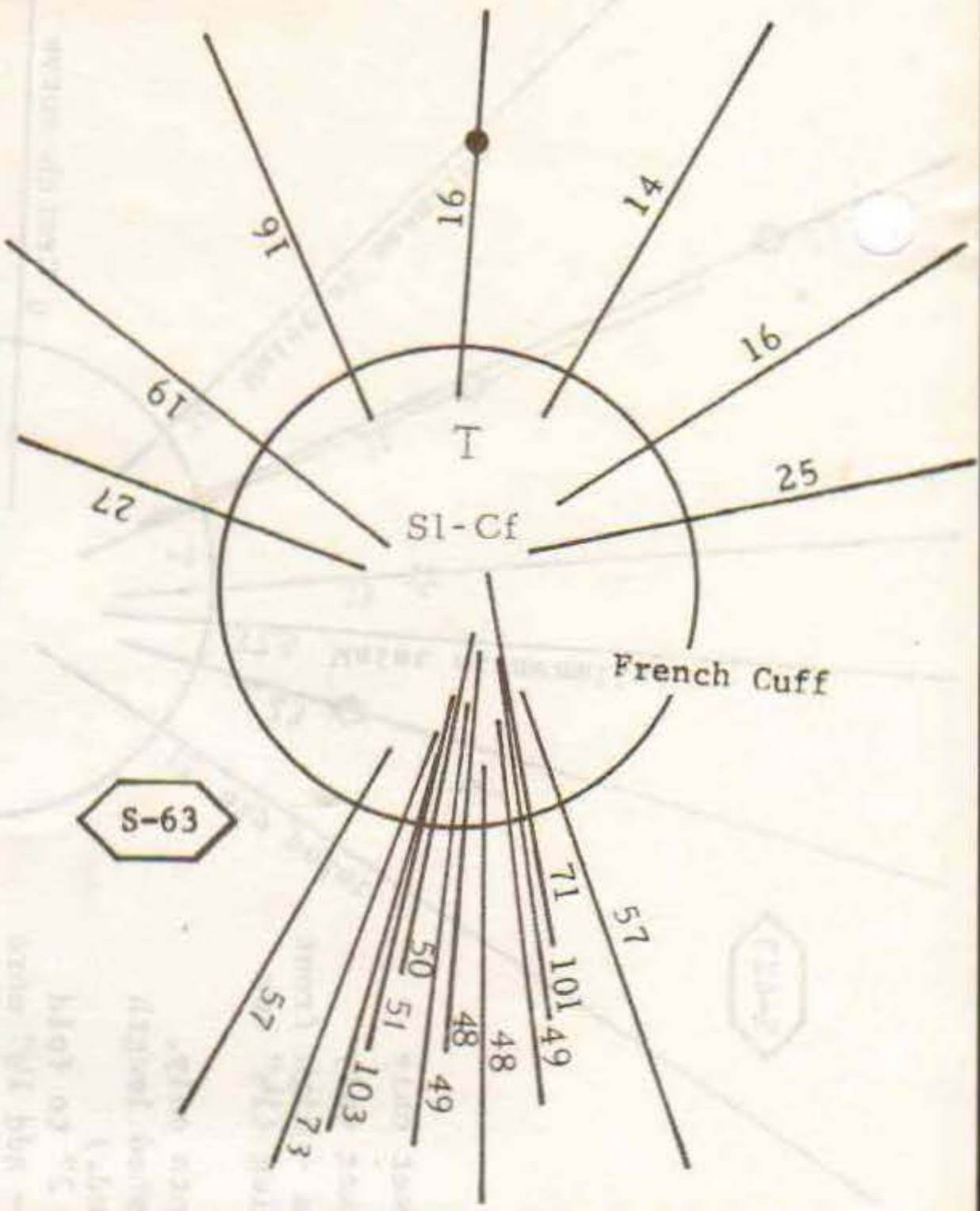
Waist at seamline 42
35 Dart
35 Dart
39.5 Waist at seamline
13 Hip point
T
Pt B
11 Crotch Curve
16 Crotch Curve
28 Crotch point & crotch line
56 Knee point
Finished length 148
142.5
51 Knee point
143
145.5
145
Finished length
145

12 Hip point
23
37.5 Waist at seamline
33
T
31
23
36 Waist at seamline
6 Crotch curve
9 Crotch curve
15 Crotch point
Pt F
51 Knee point
145
Finished length
139
144
141.5
Finished length
143
146
53 Knee point

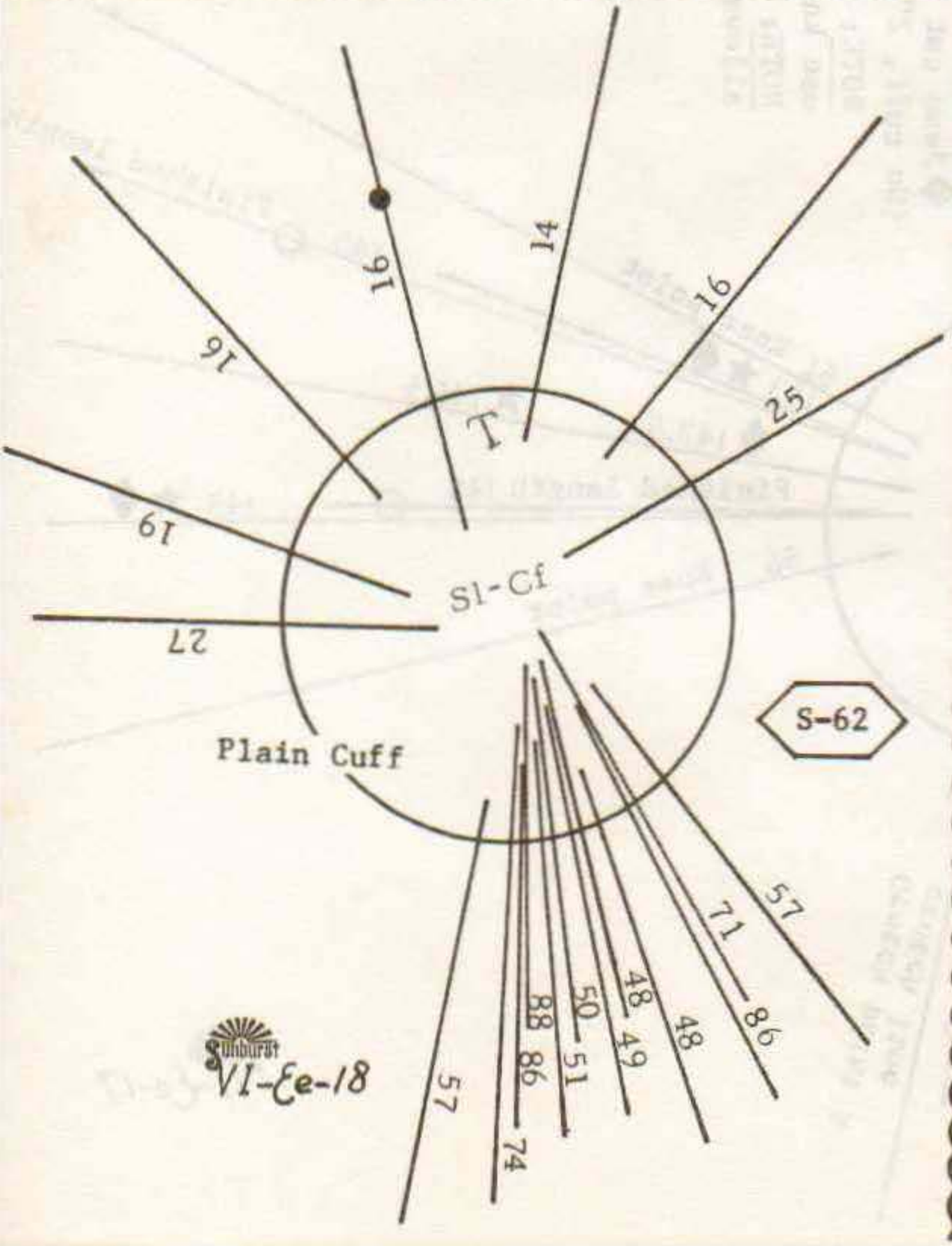
VI-Ce-17



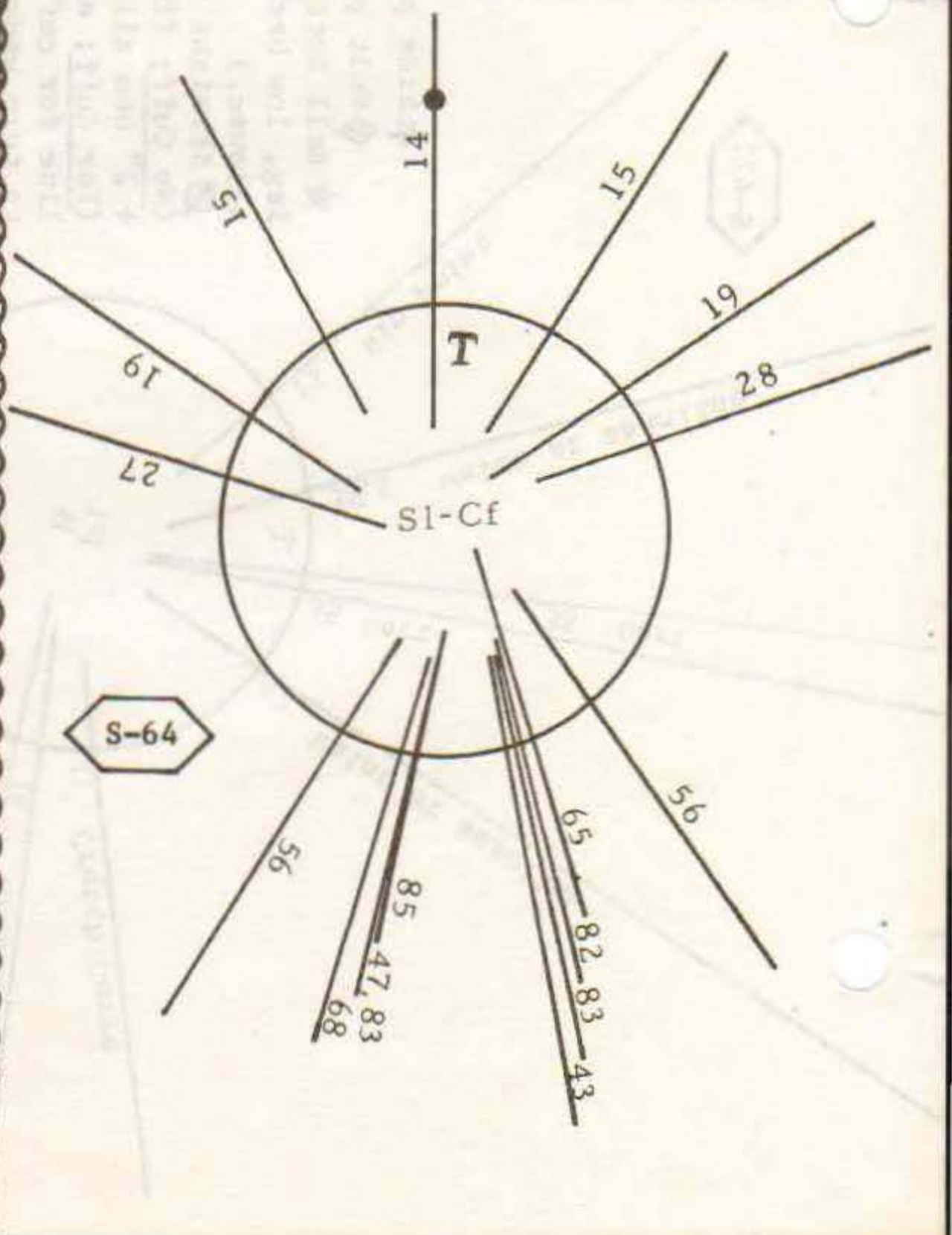

S-61




S-63



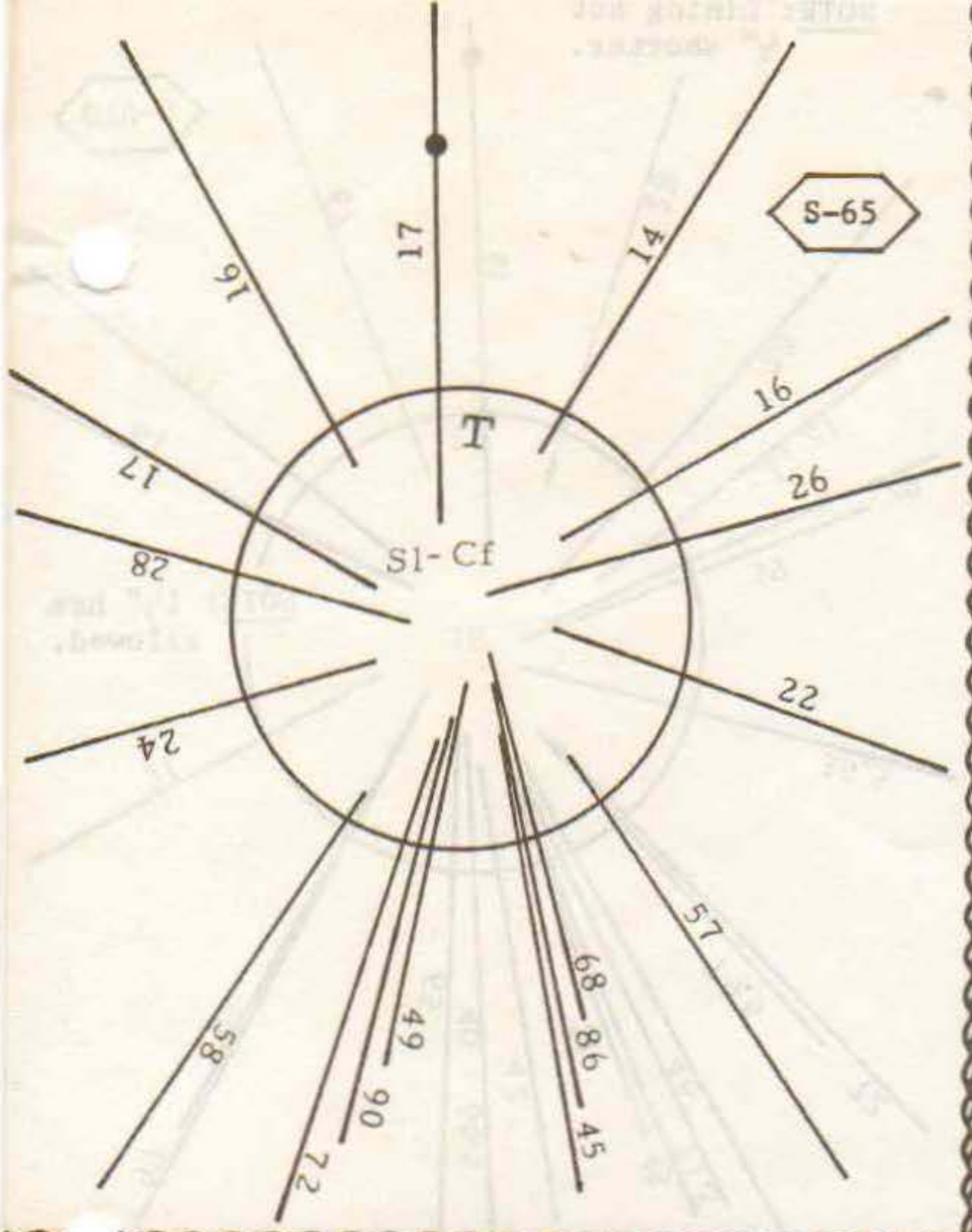

S-62



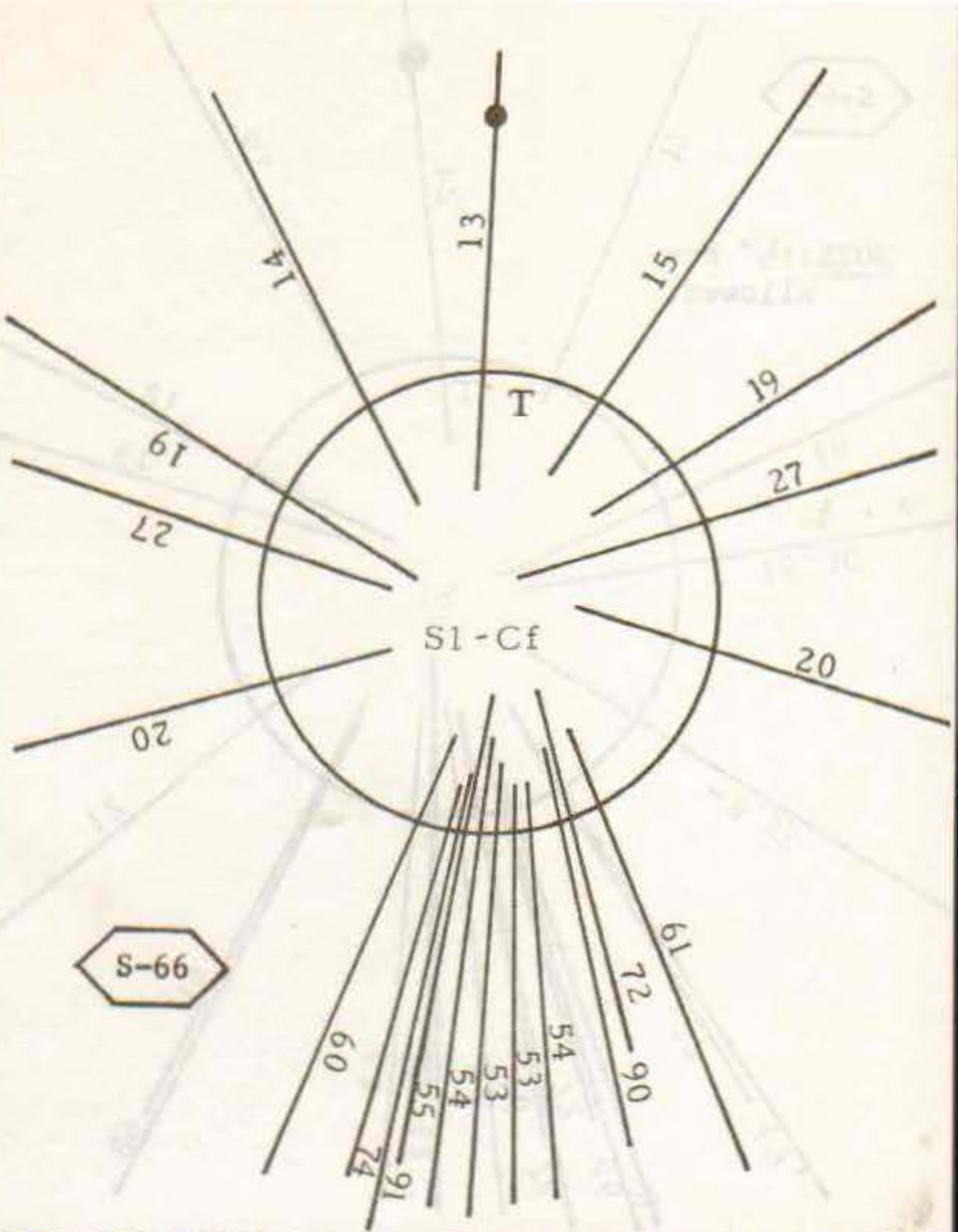

S-64

Sunburst
VI-Ee-18

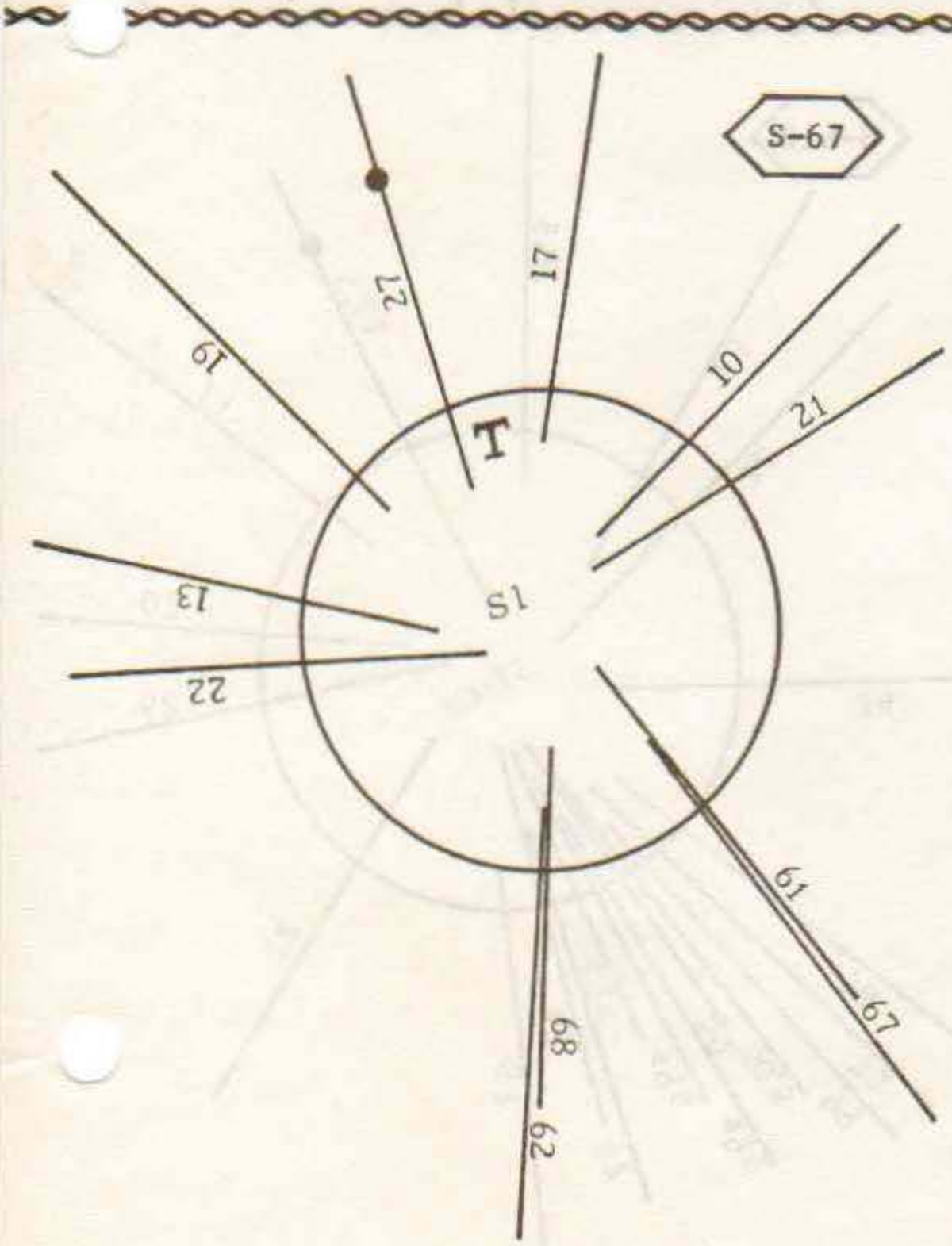
S-65



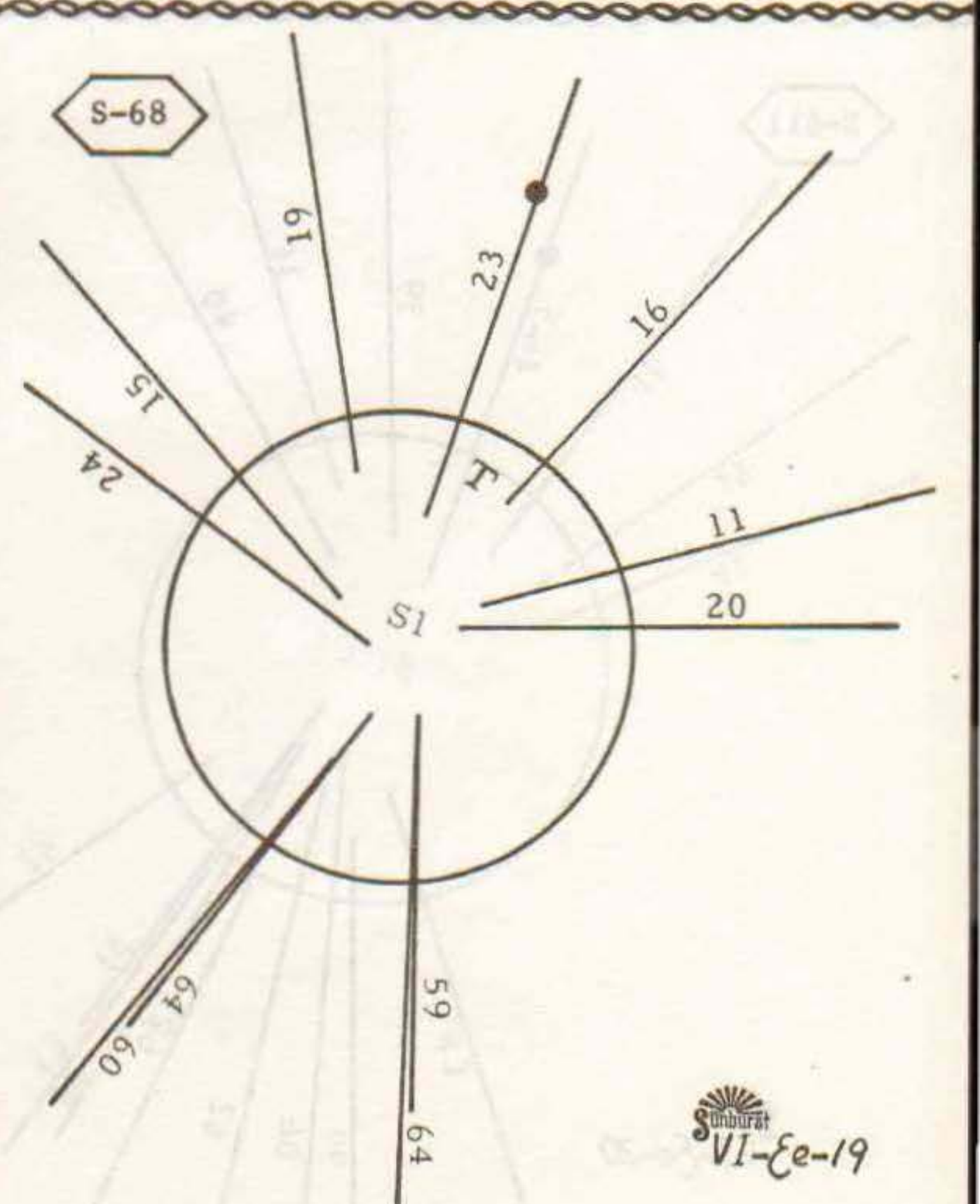

S-66




S-67



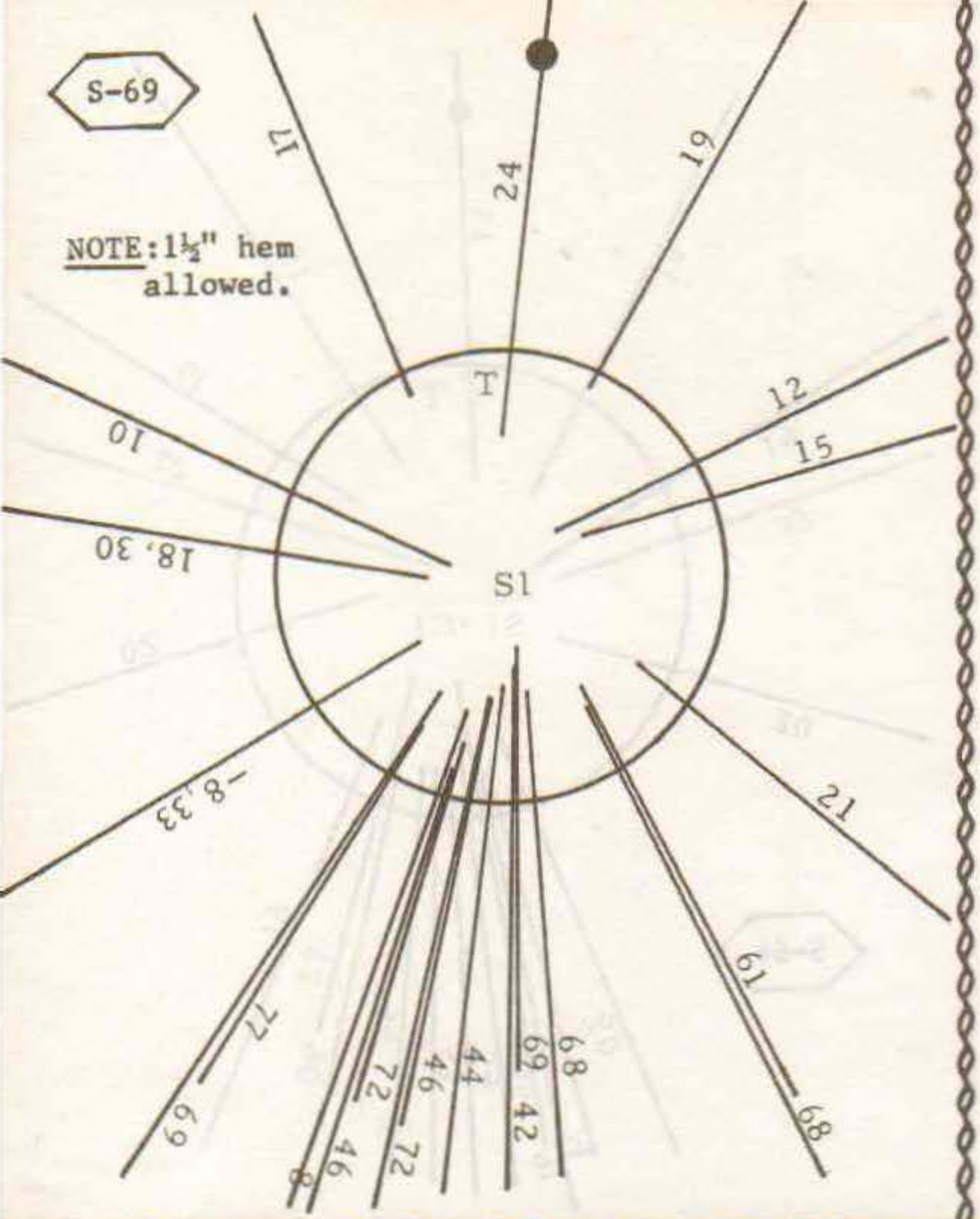

S-68




Sunburst
VI-Ee-19

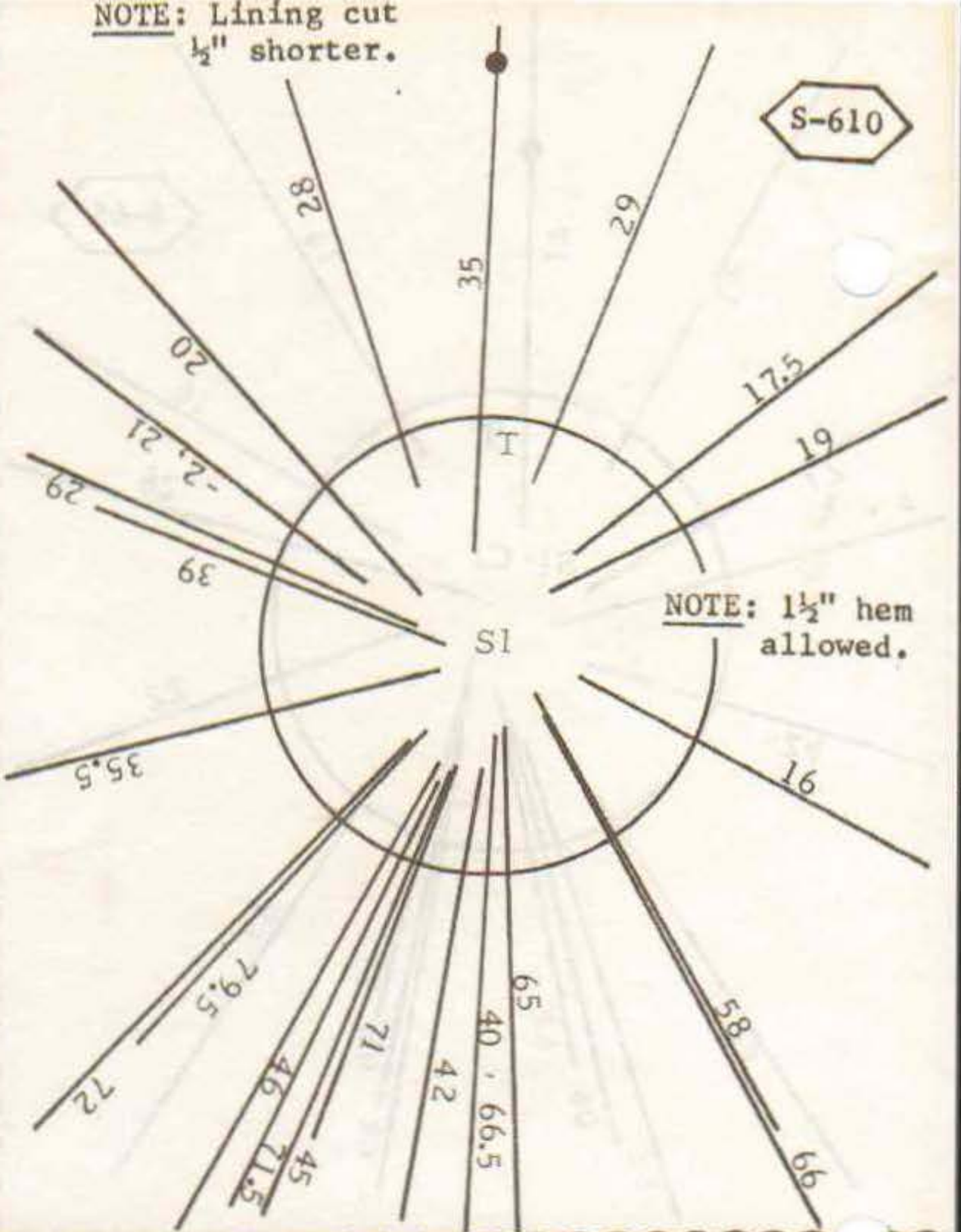
S-69

NOTE: 1½" hem allowed.

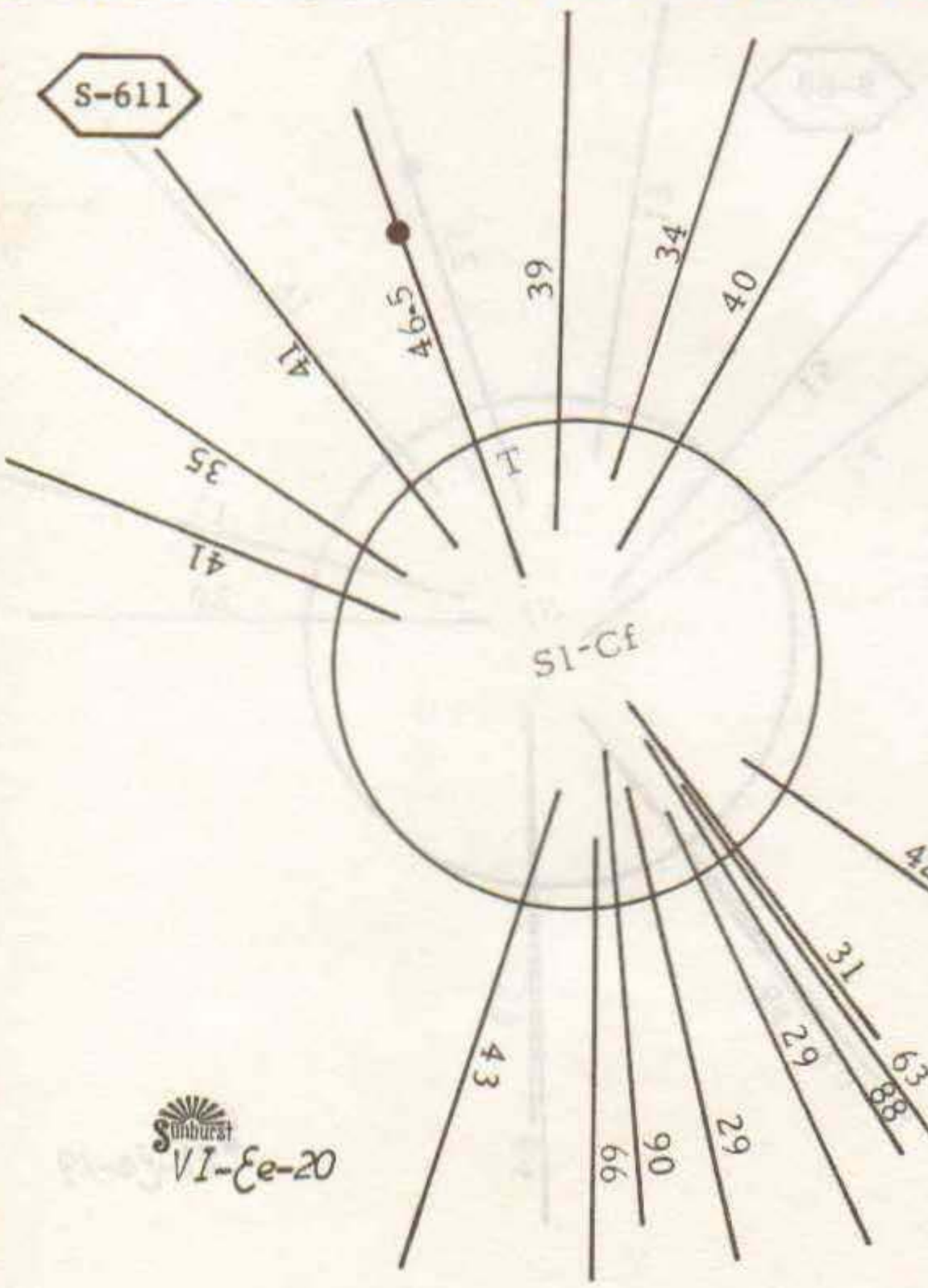



S-610

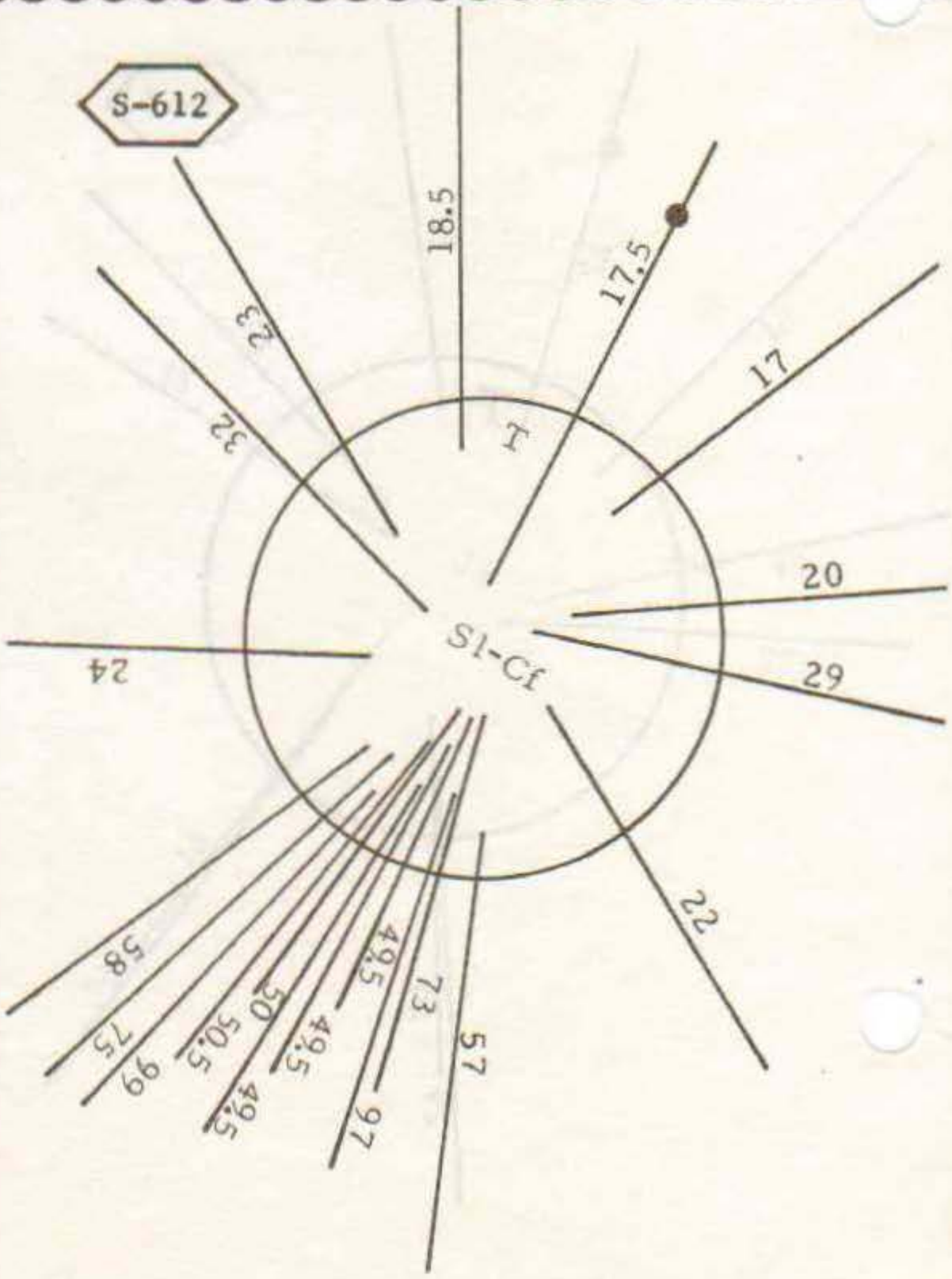
NOTE: Lining cut ½" shorter.

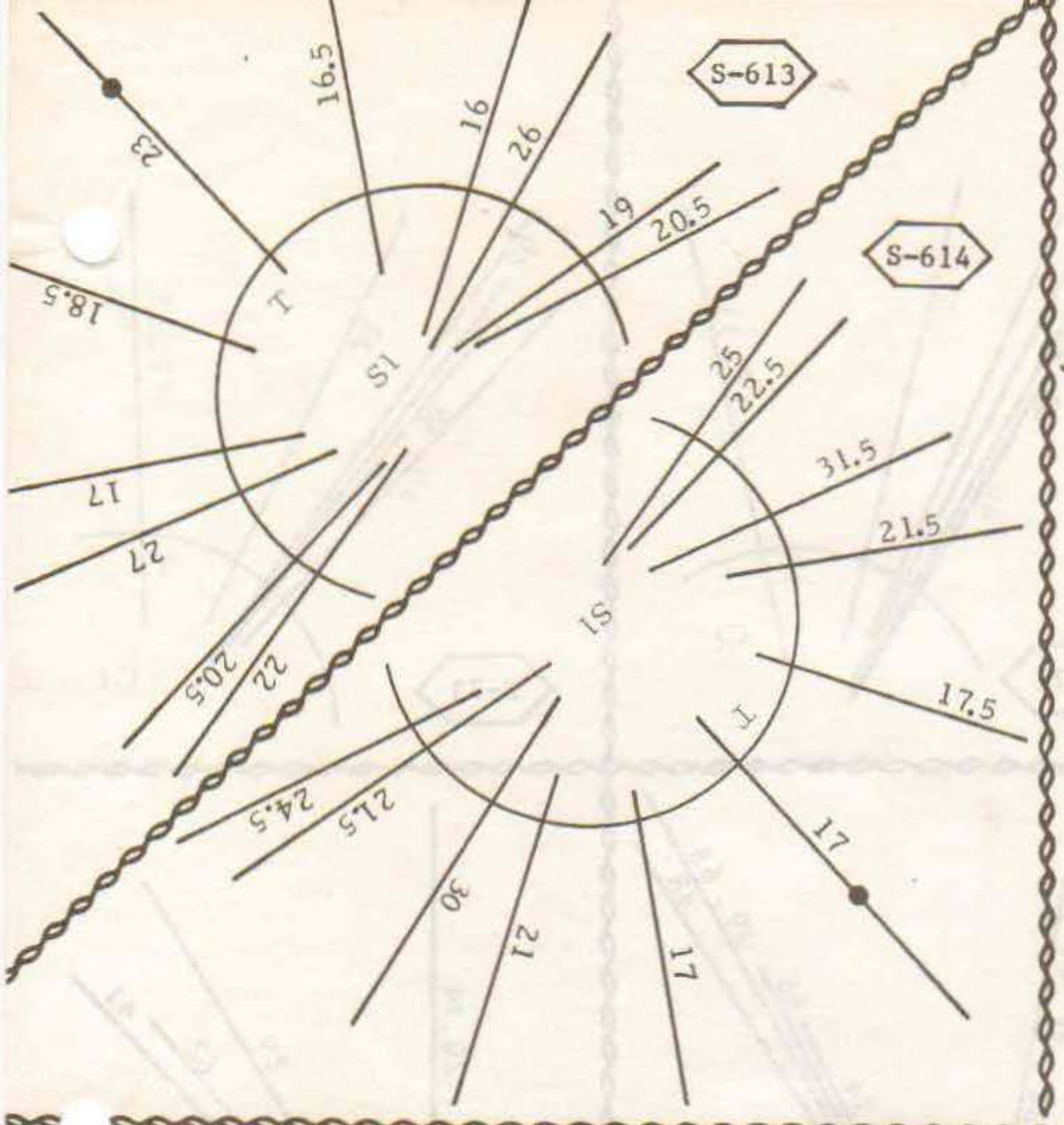


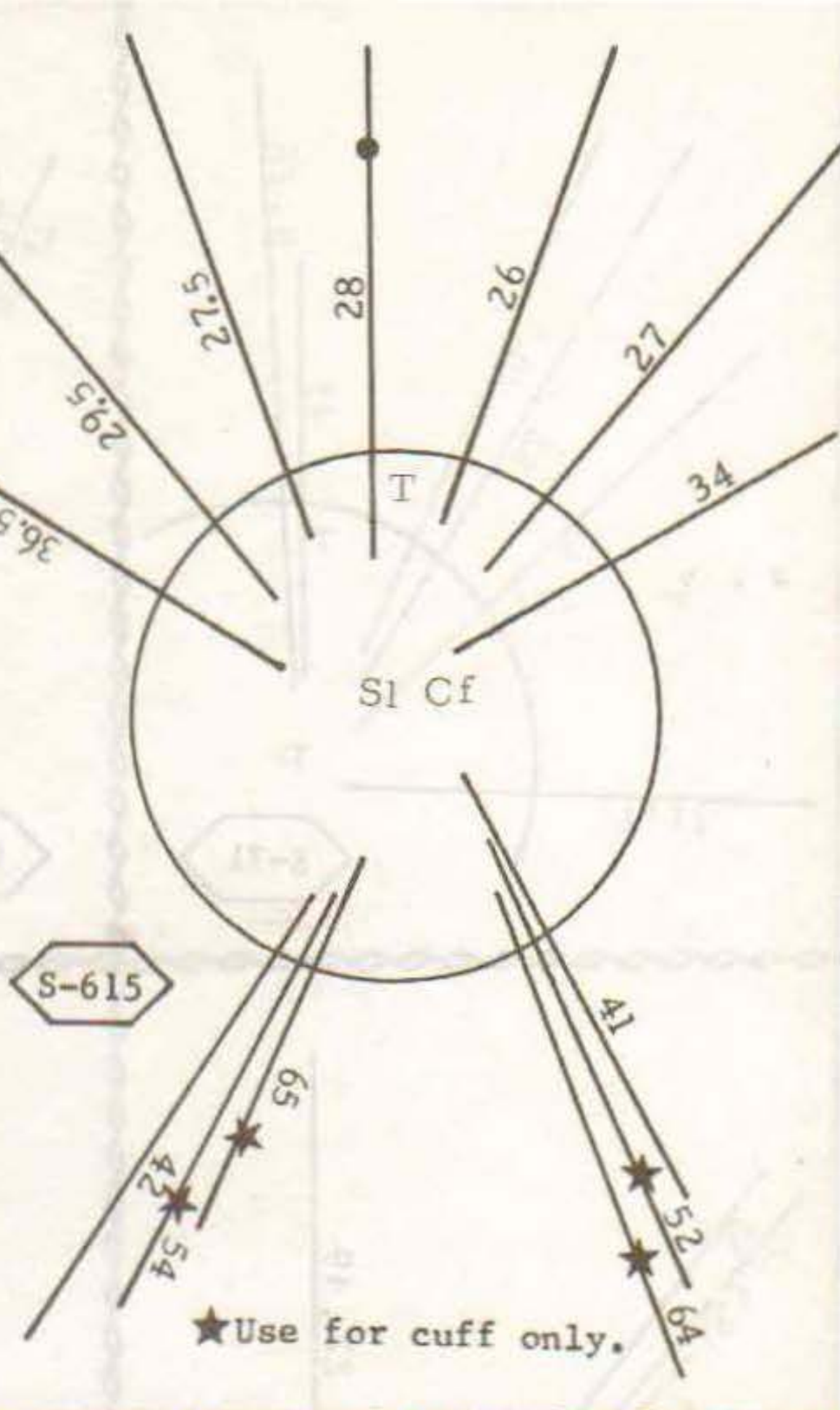

S-611



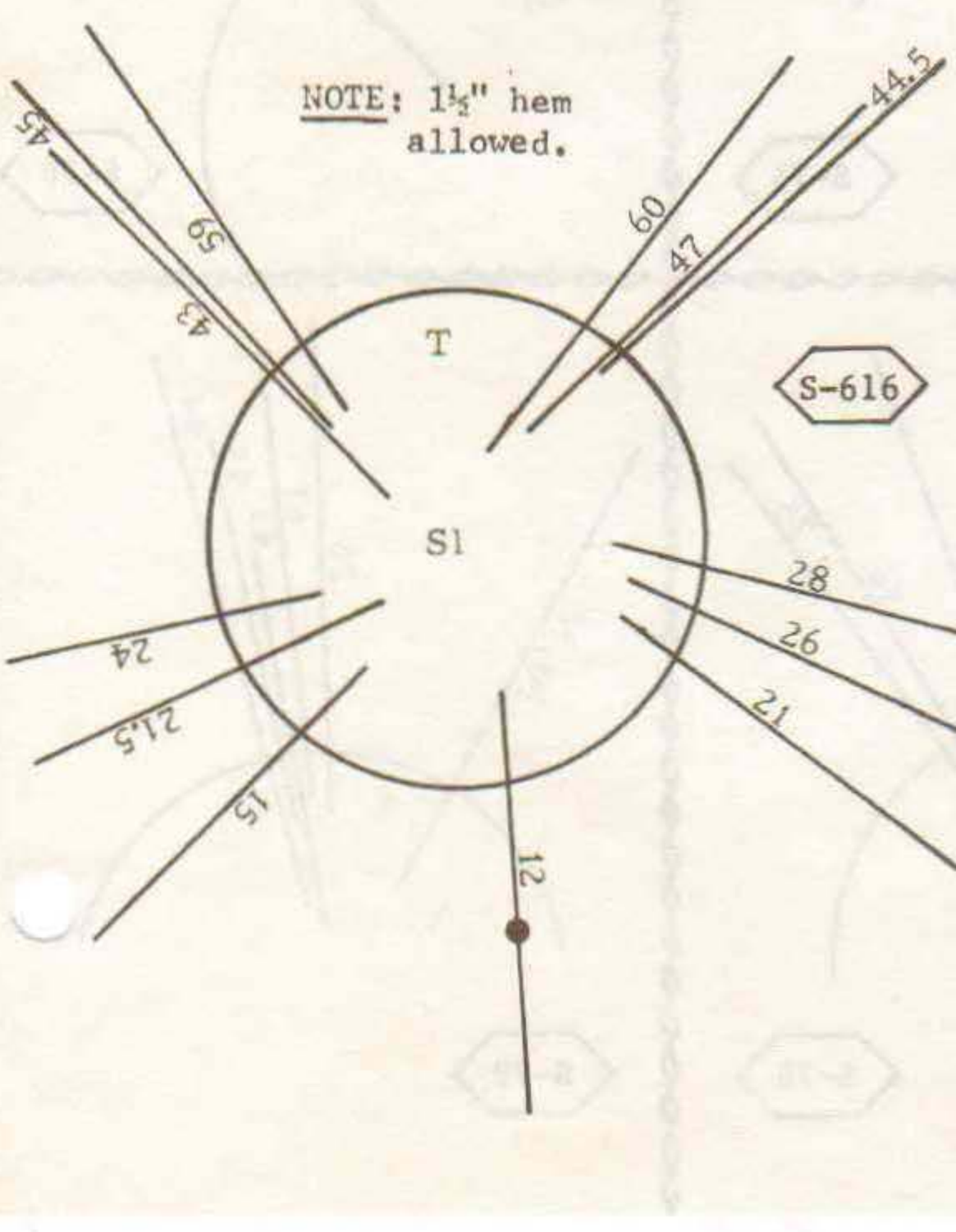

S-612

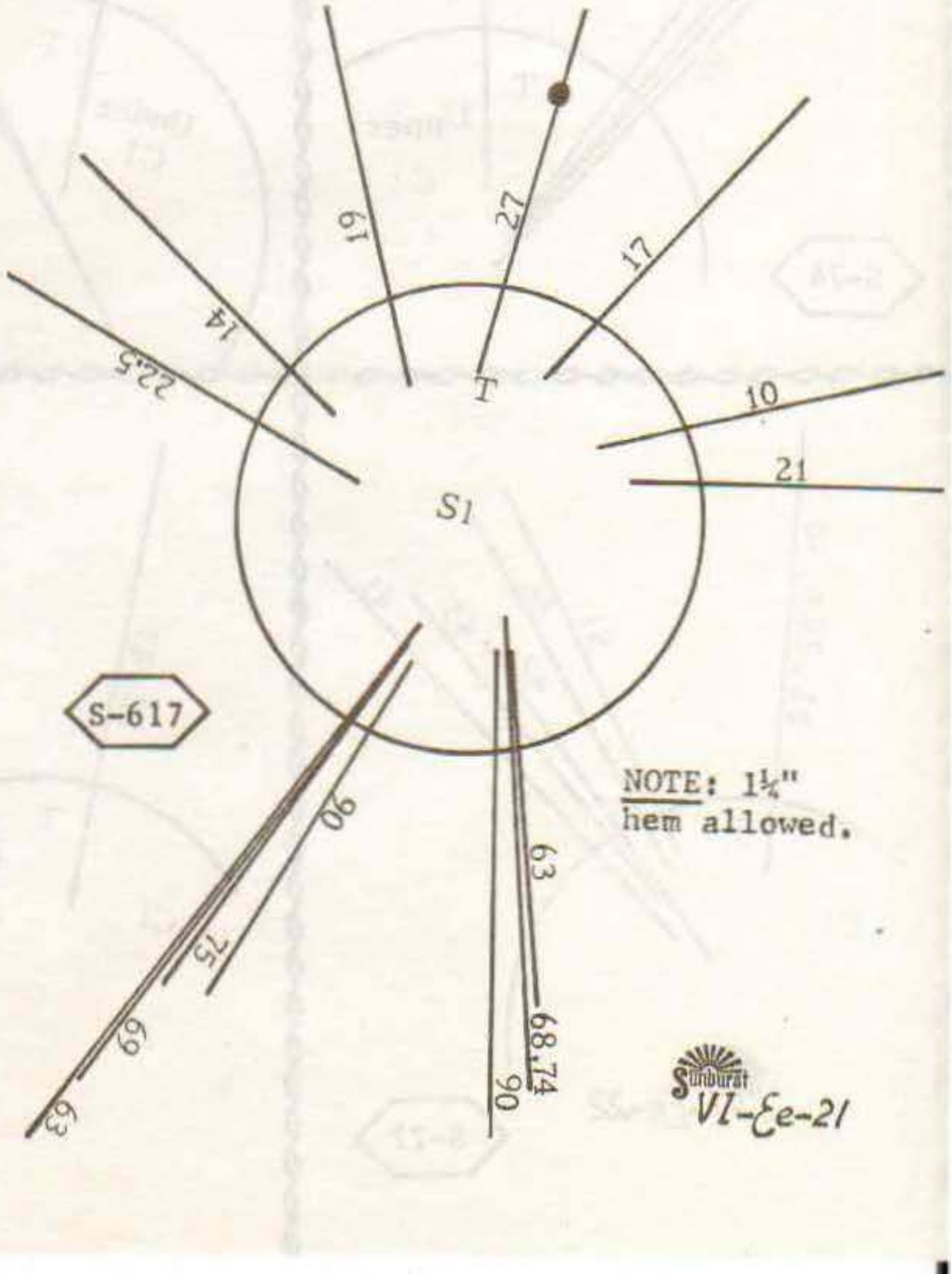




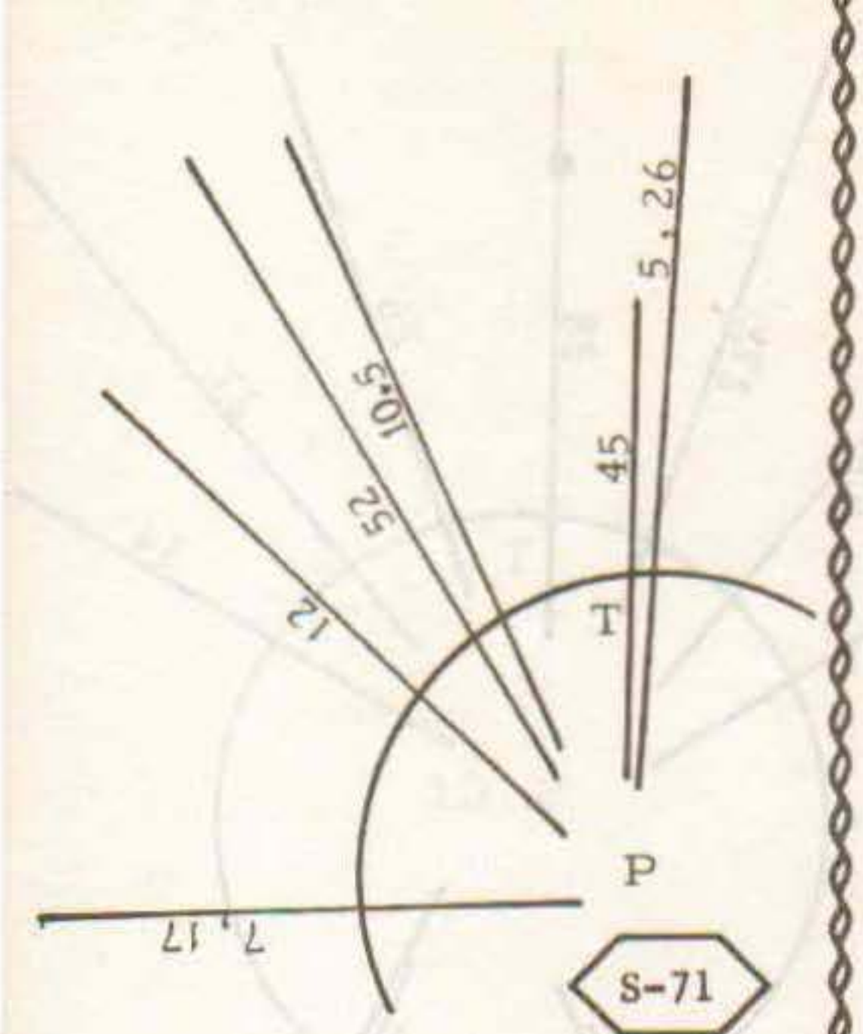

★Use for cuff only.



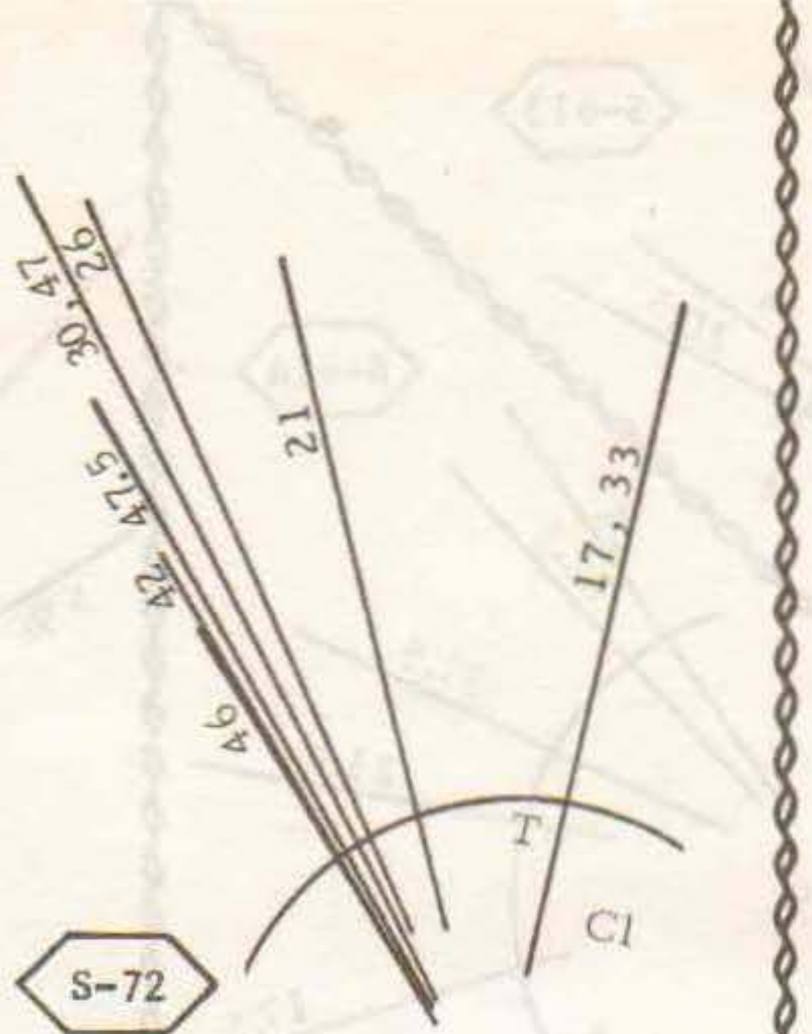




NOTE: 1¼" hem allowed.

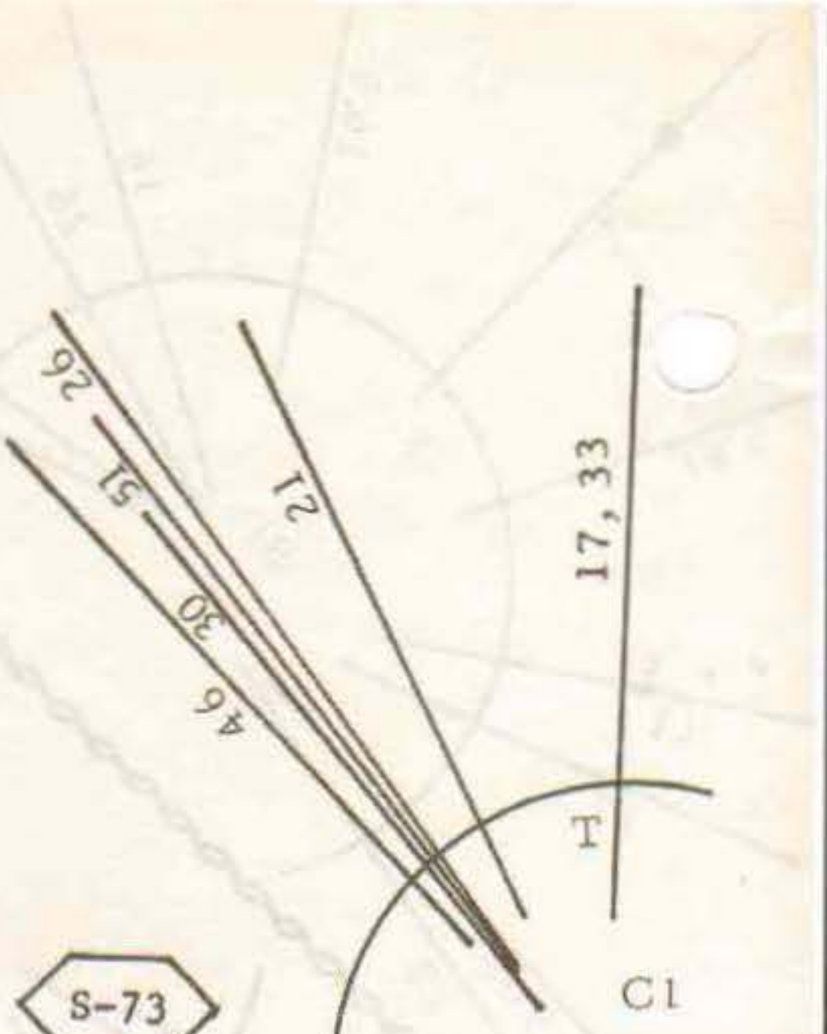
Sunburst
VI-Ee-21




S-71




S-72

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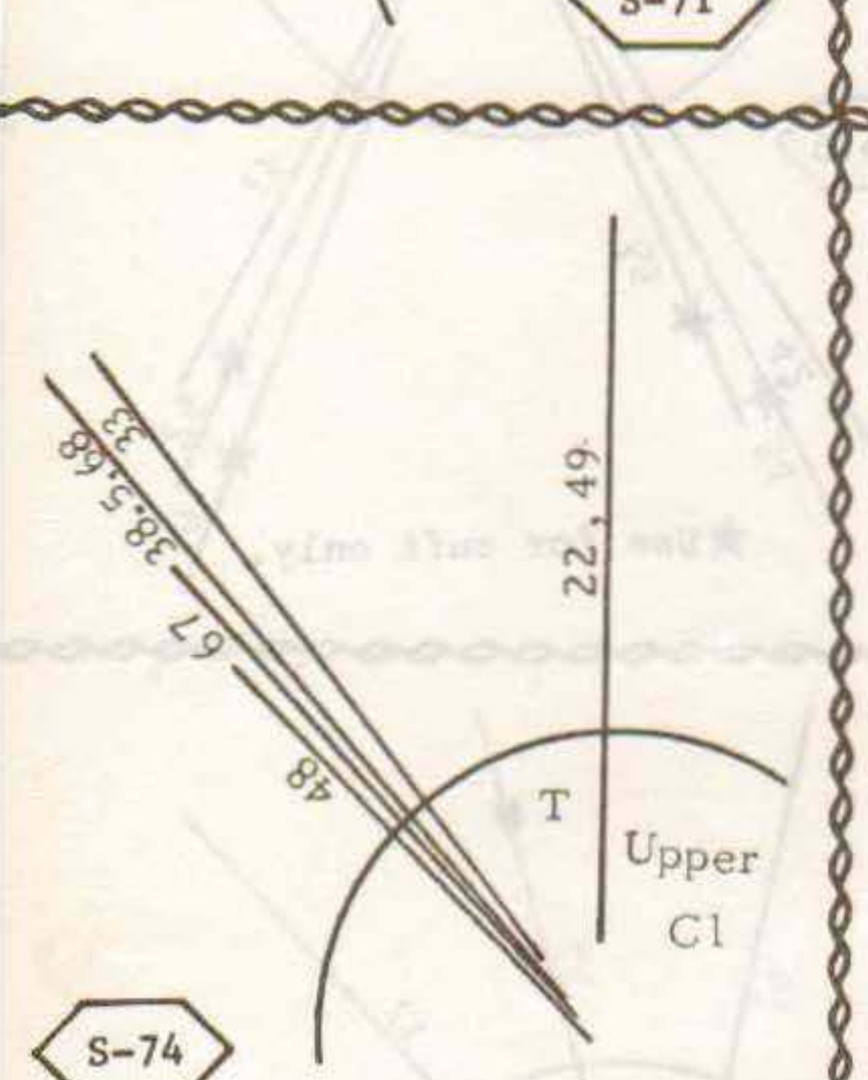


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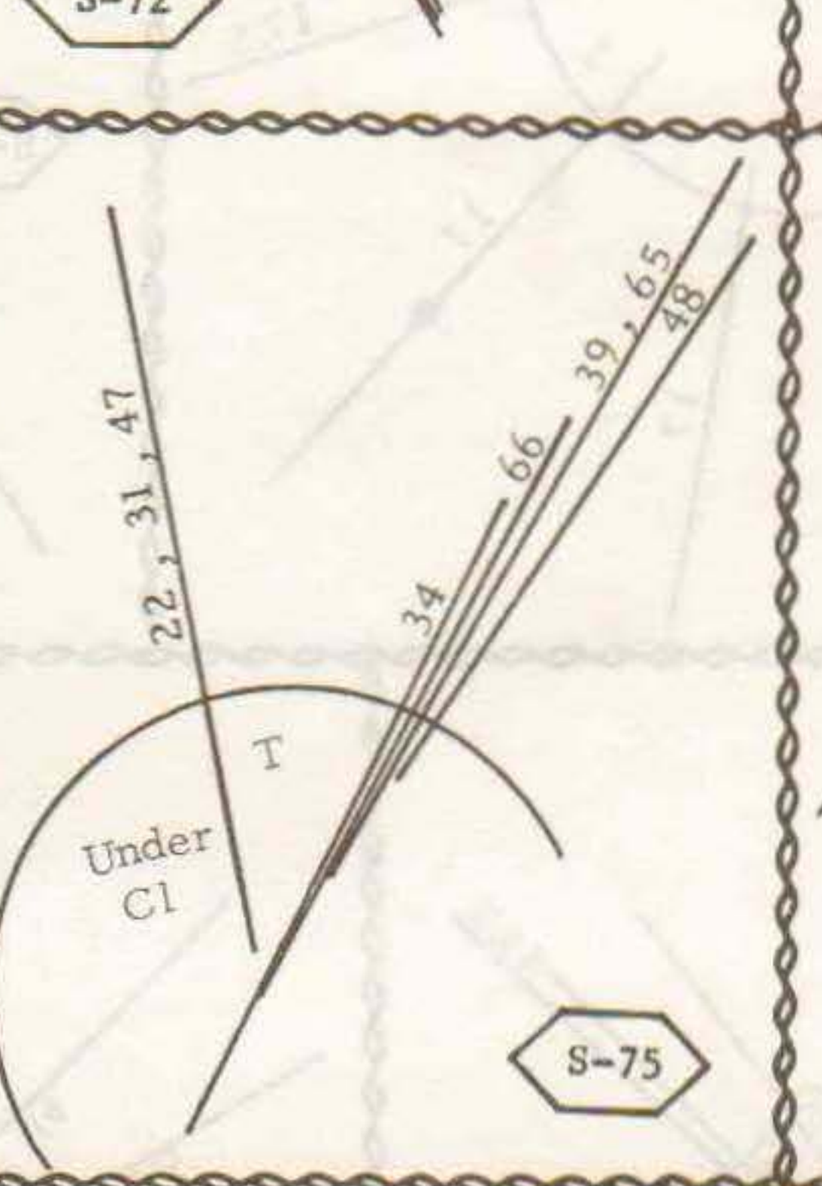


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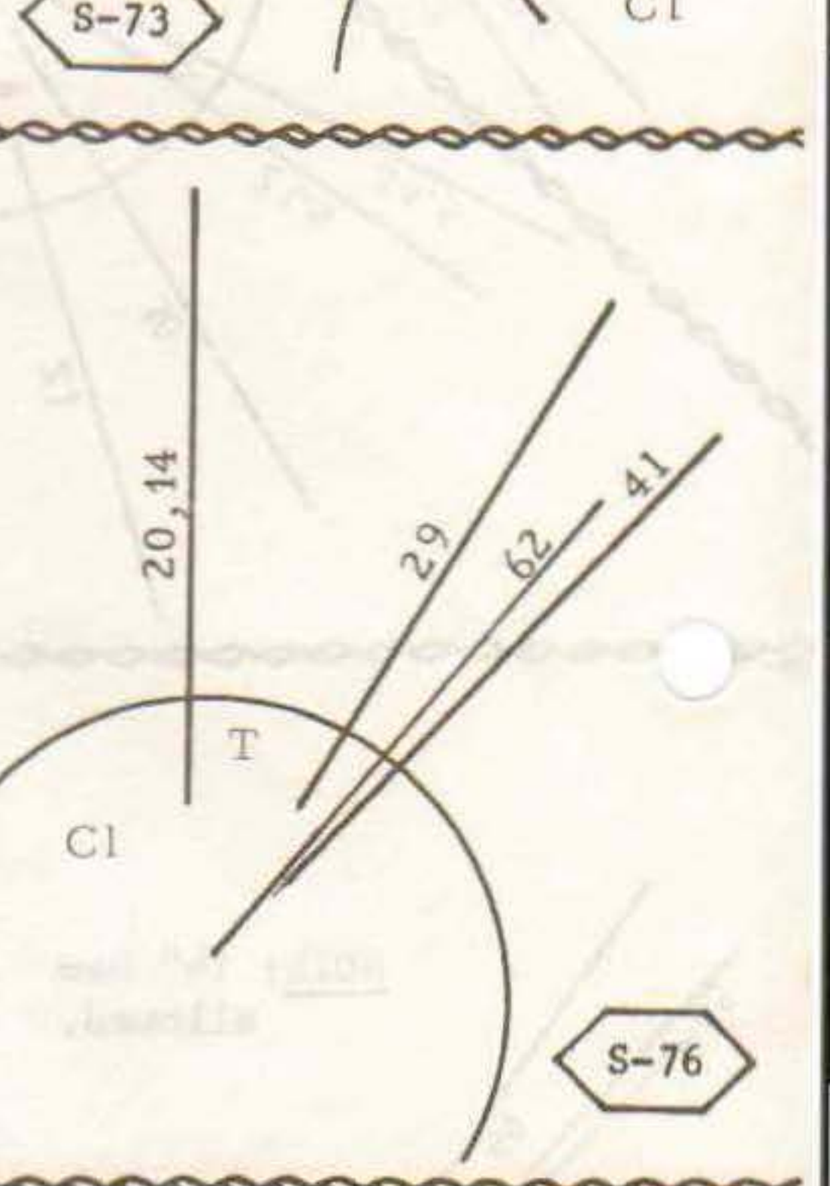


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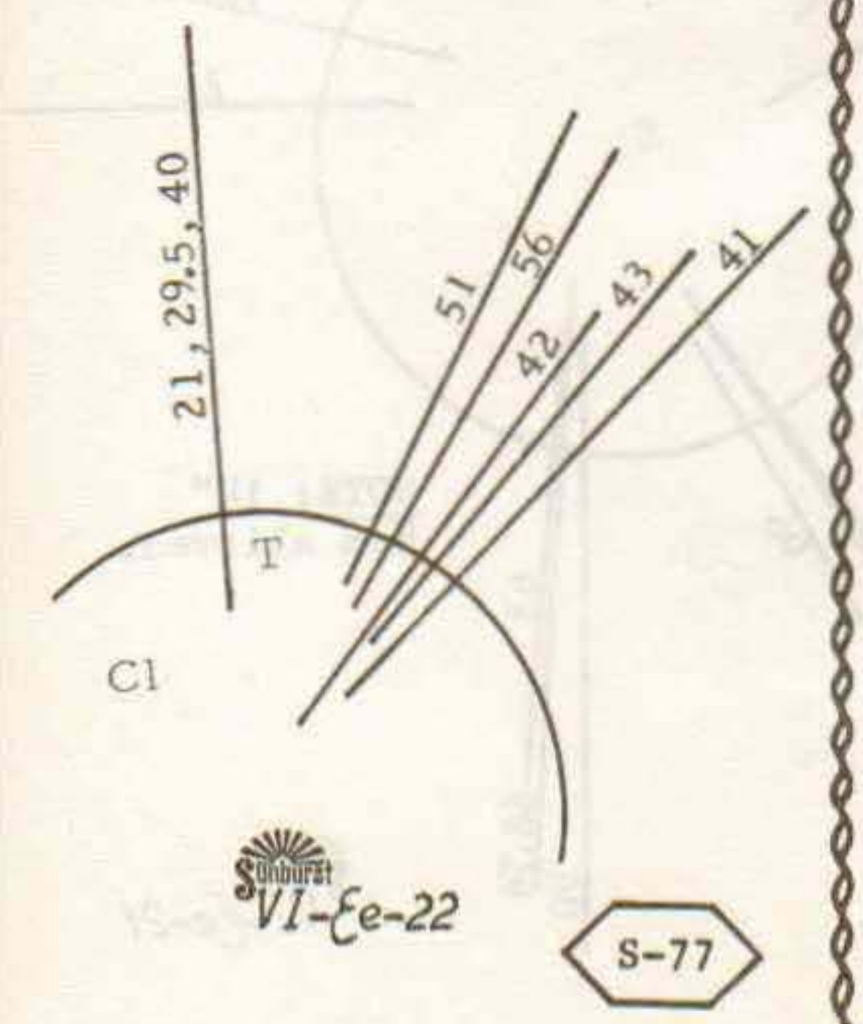


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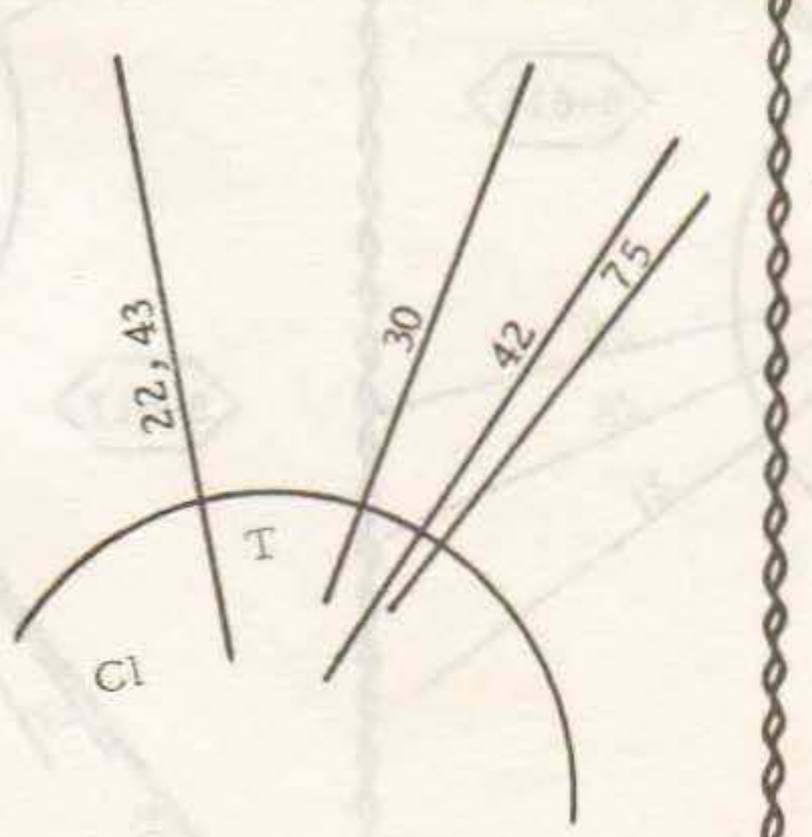


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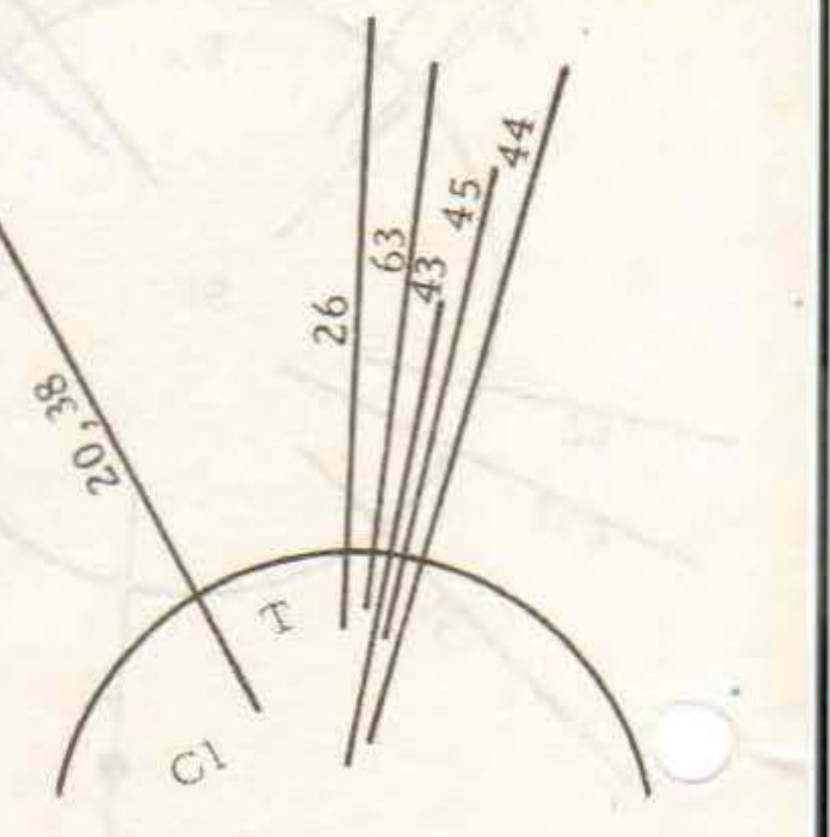
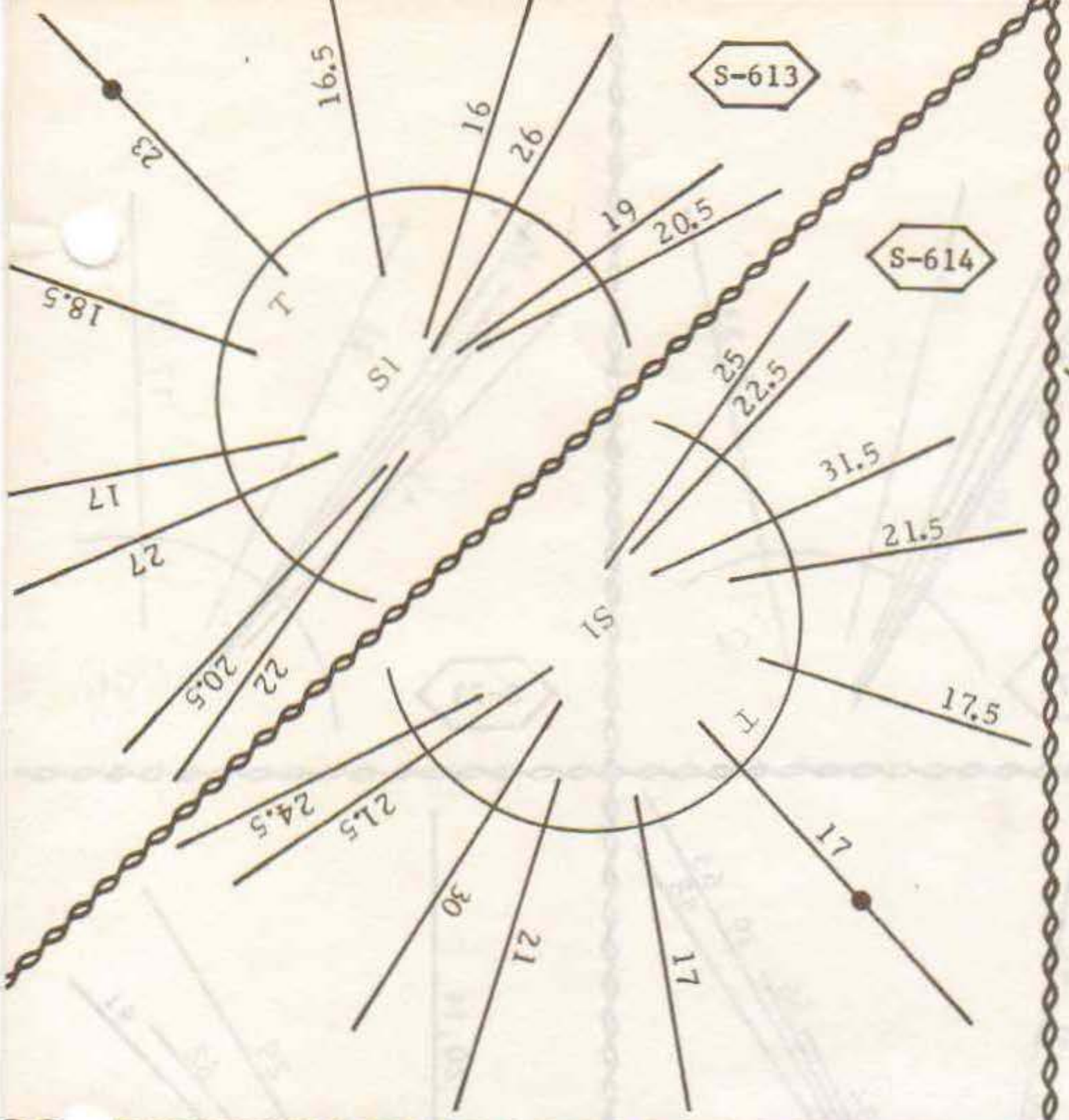
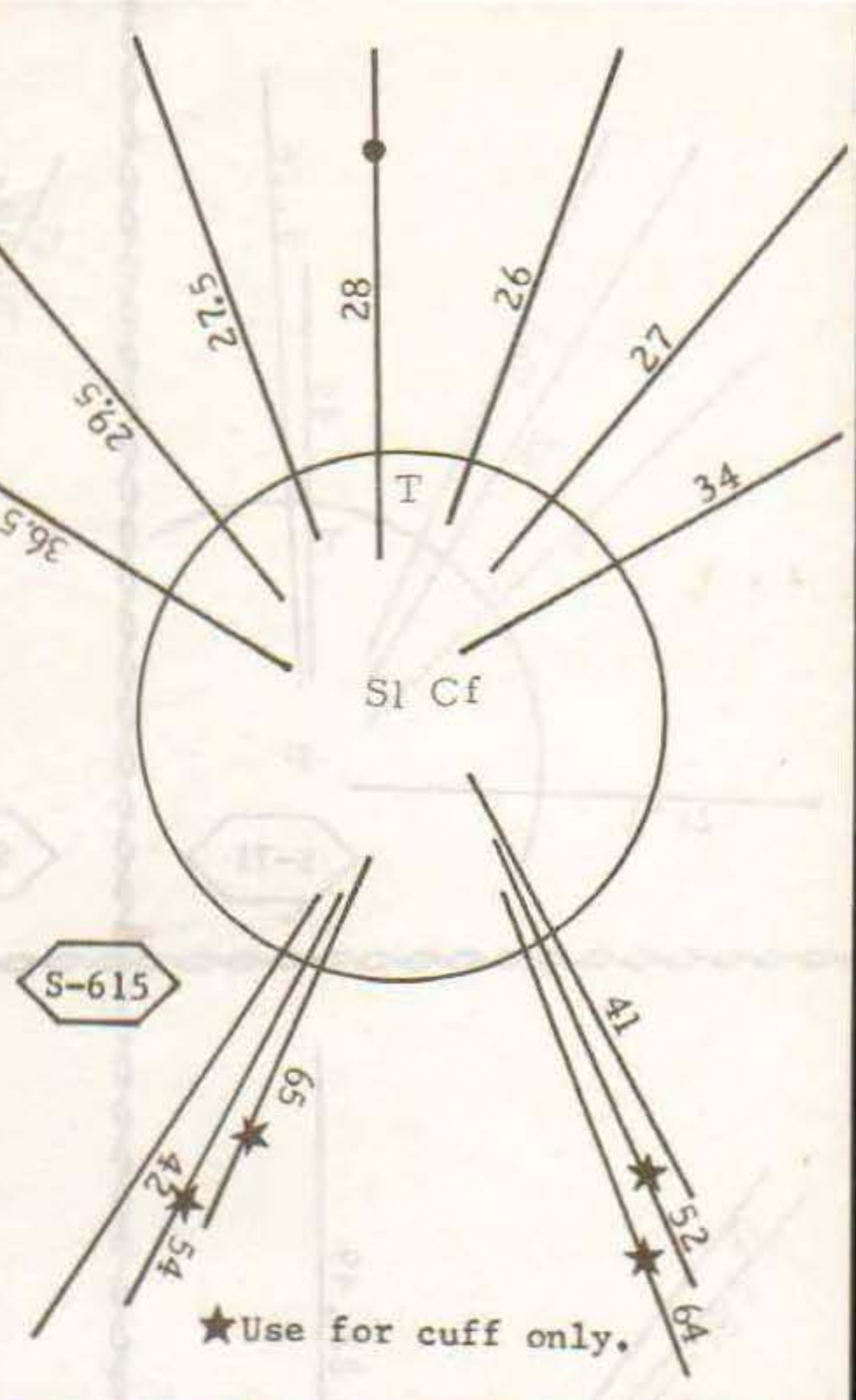
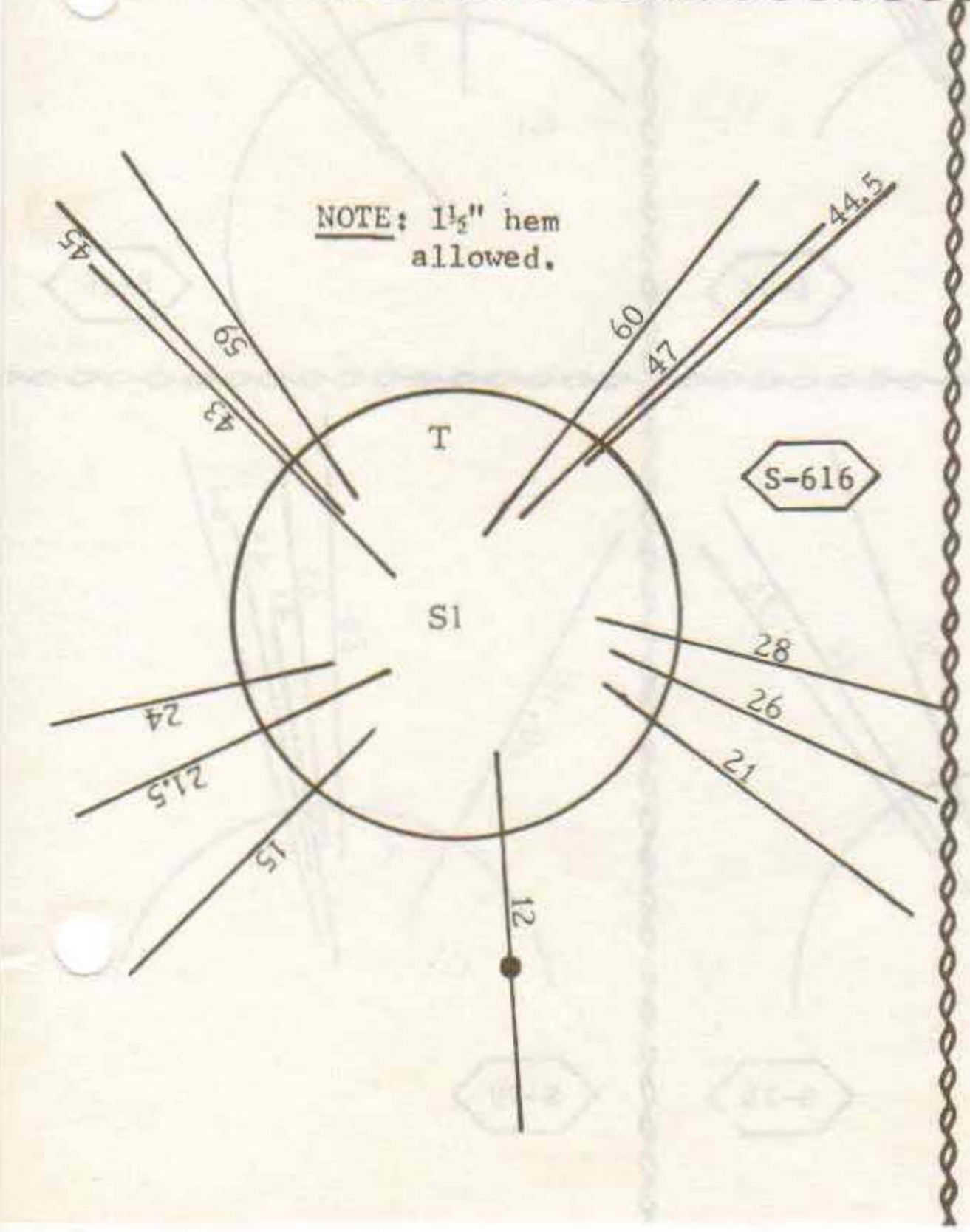


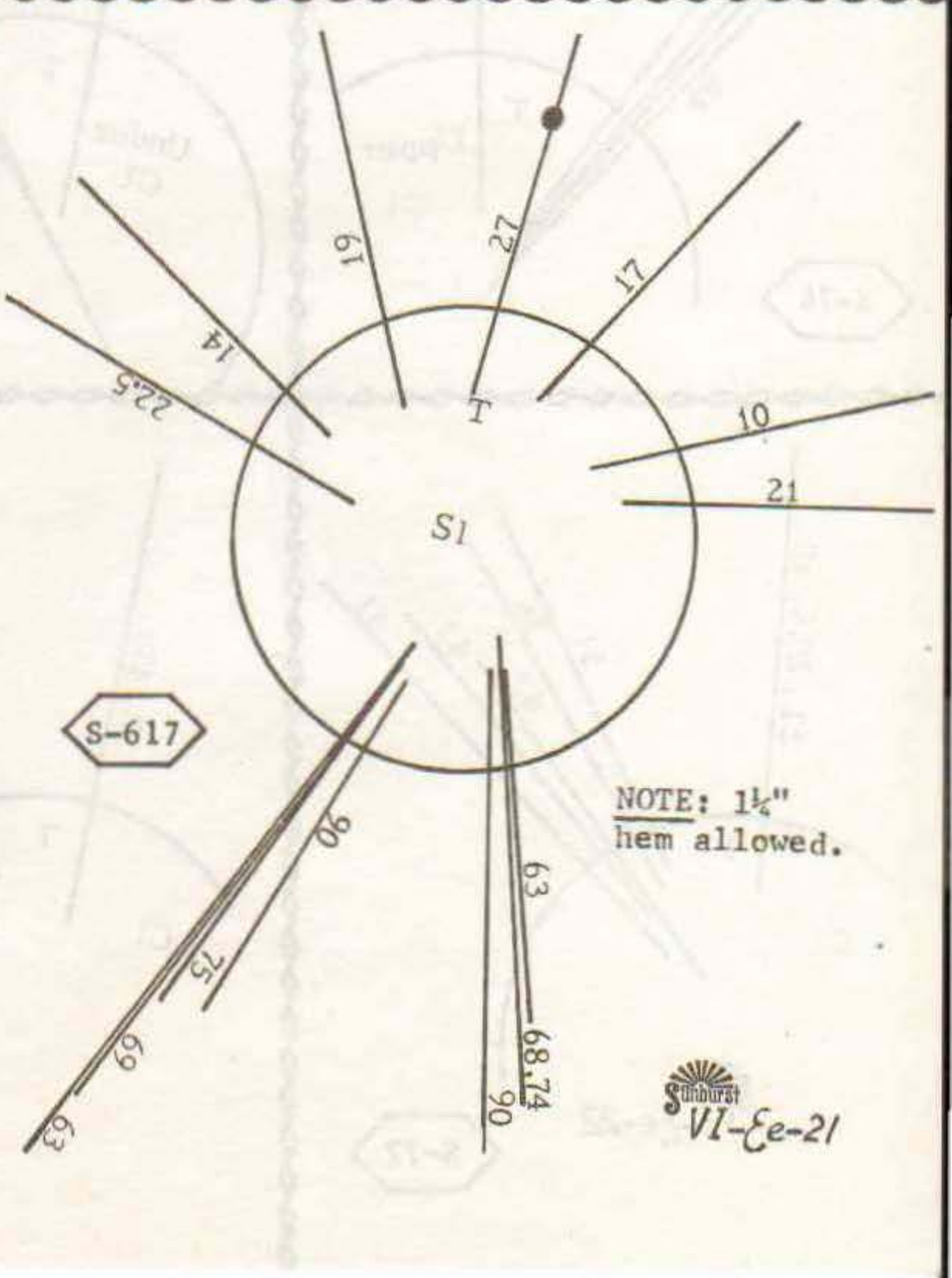

S-79

Sunburst
VI-Ee-22

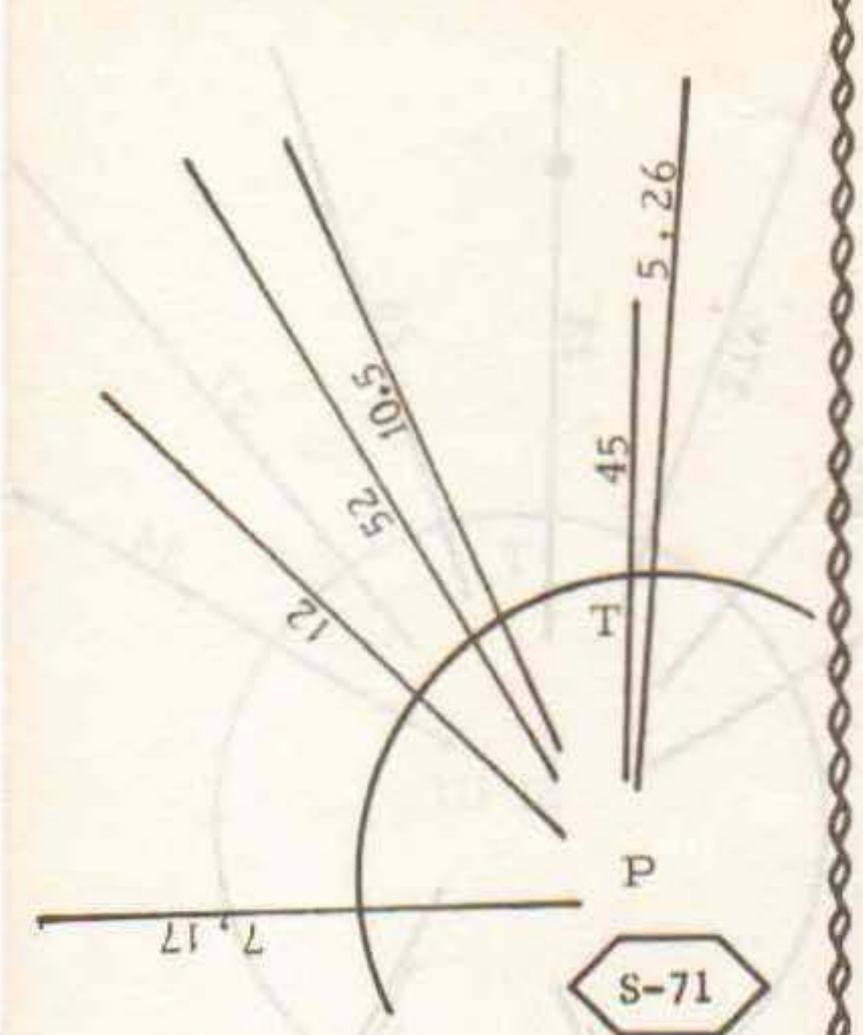



Stanhurst
VI-Ee-21

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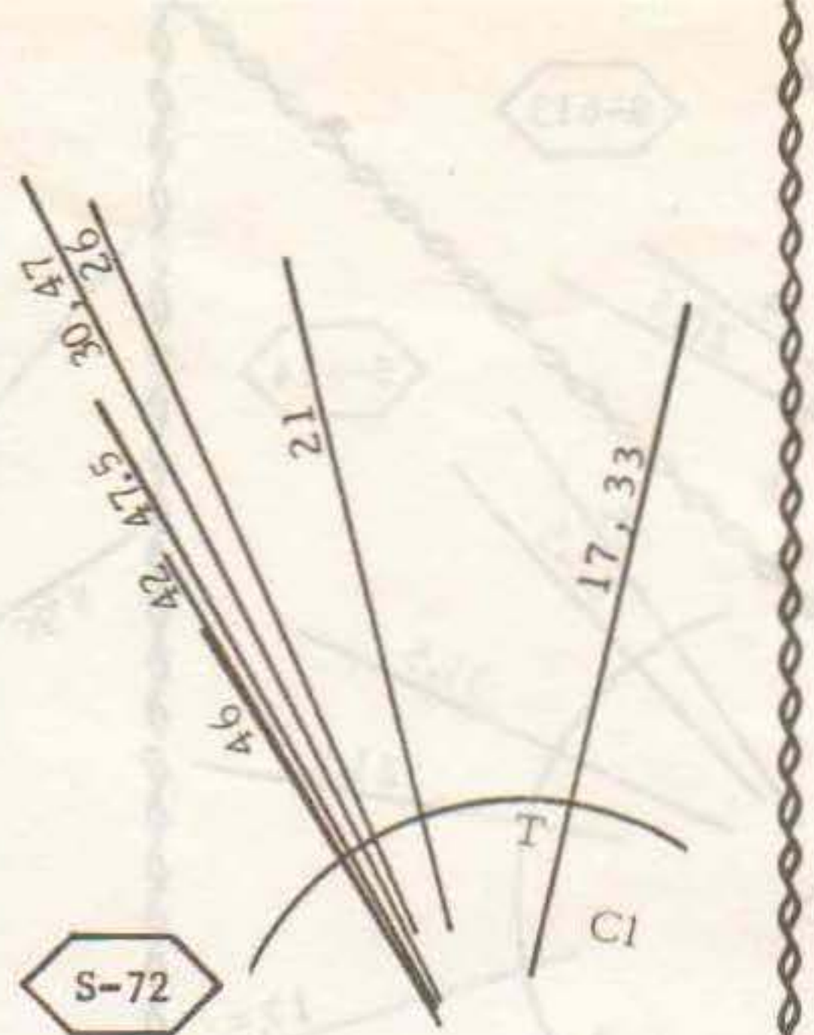


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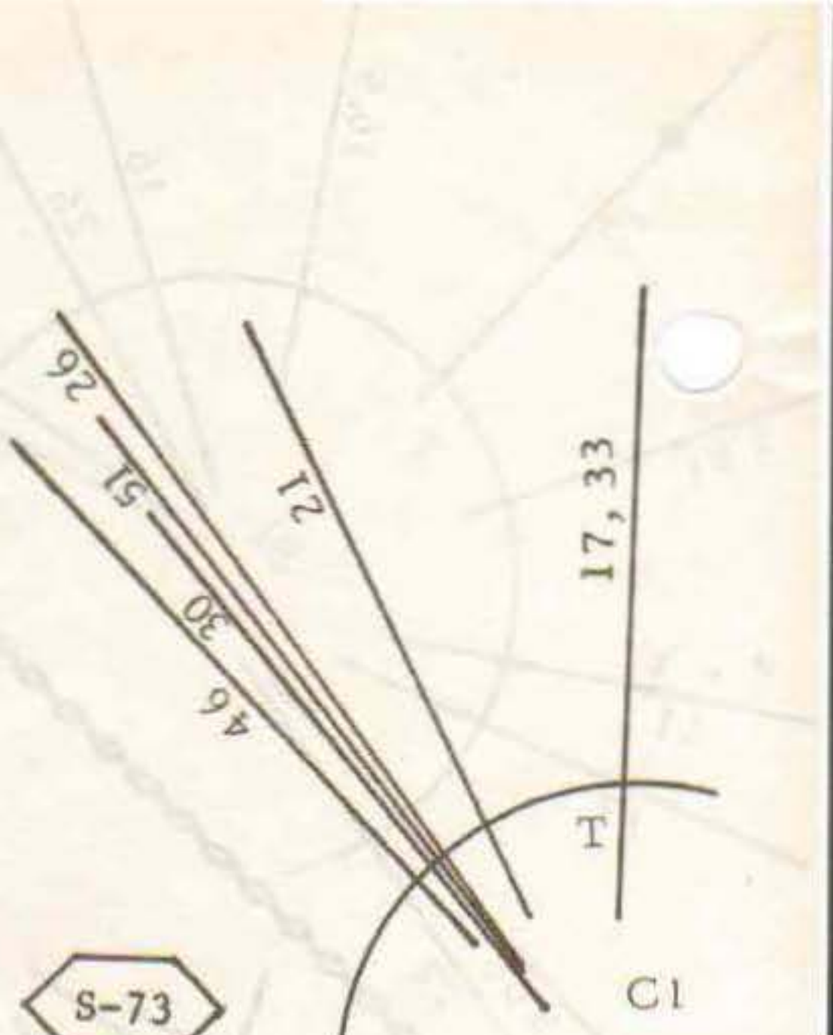


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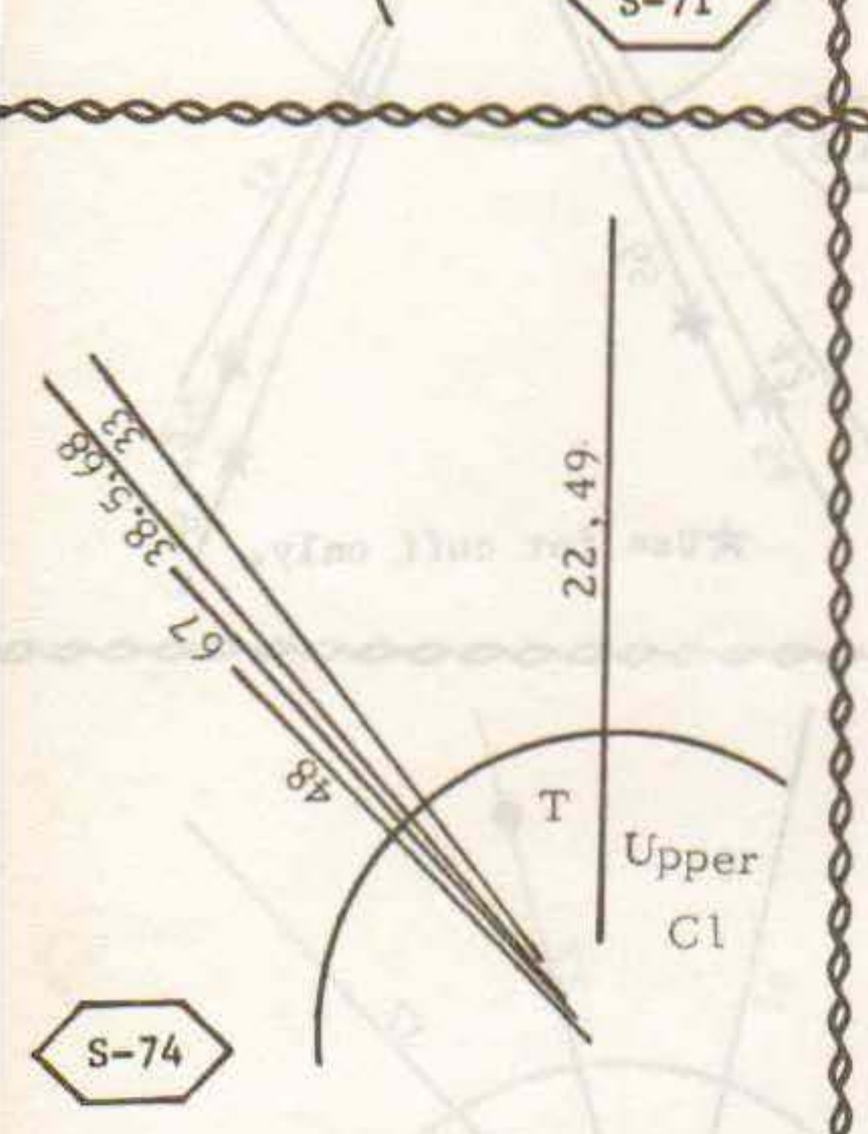


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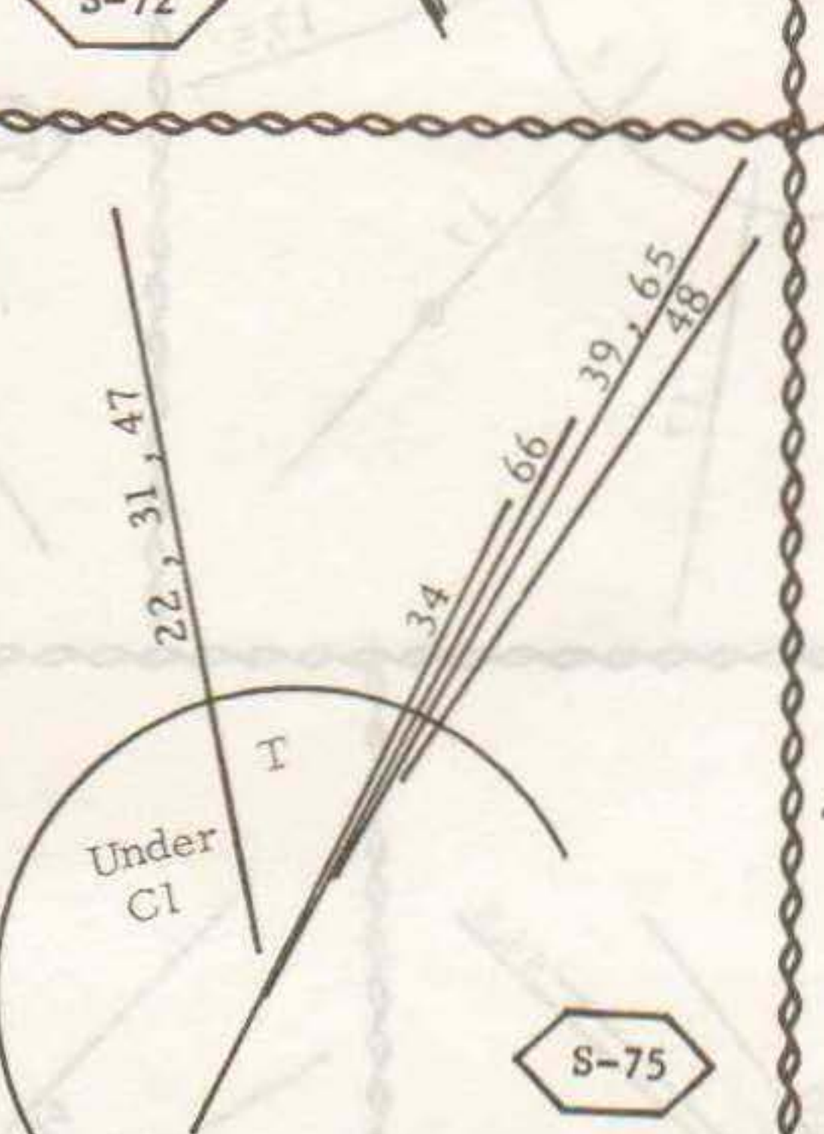


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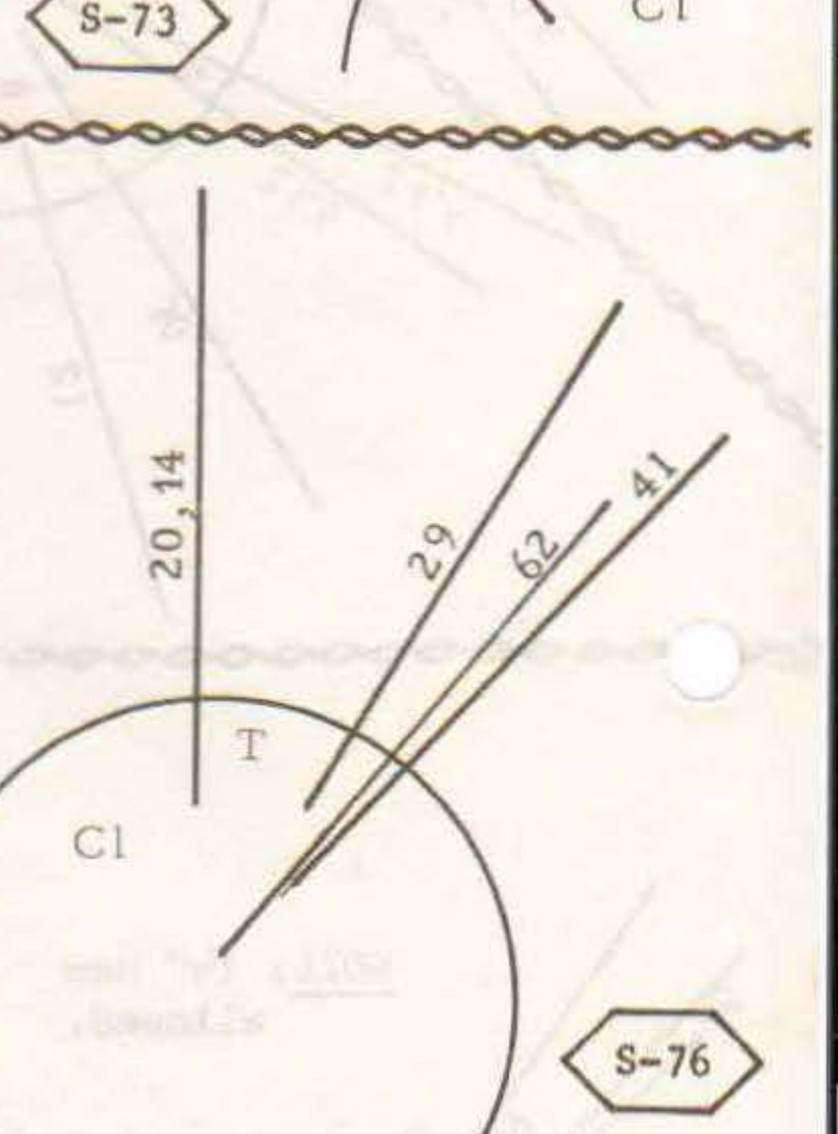


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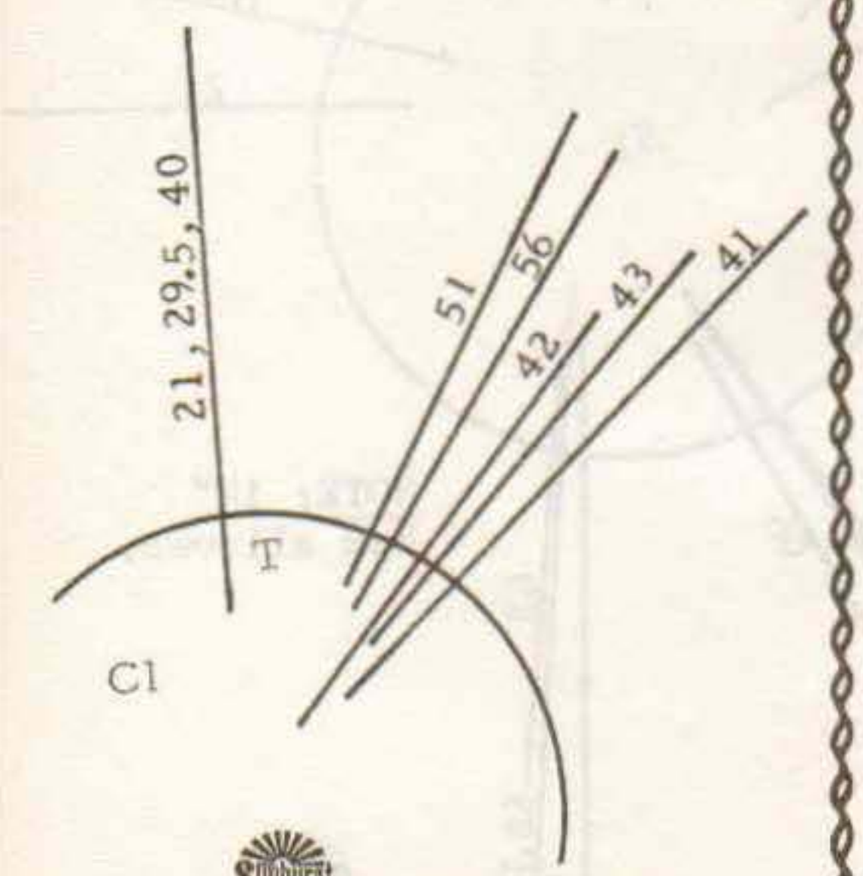


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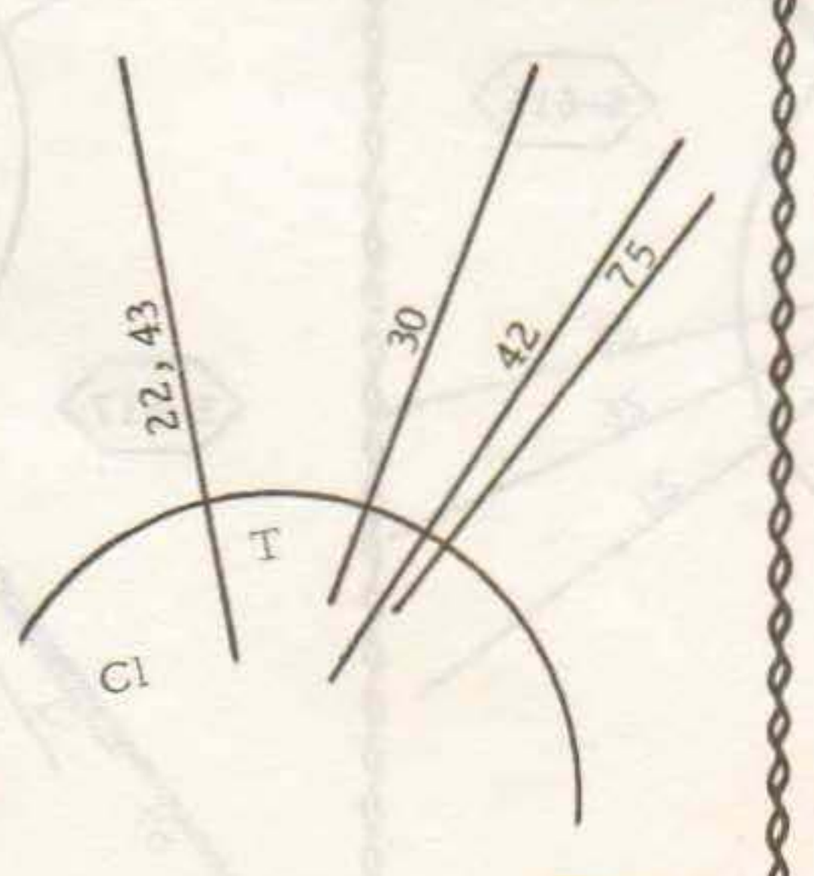


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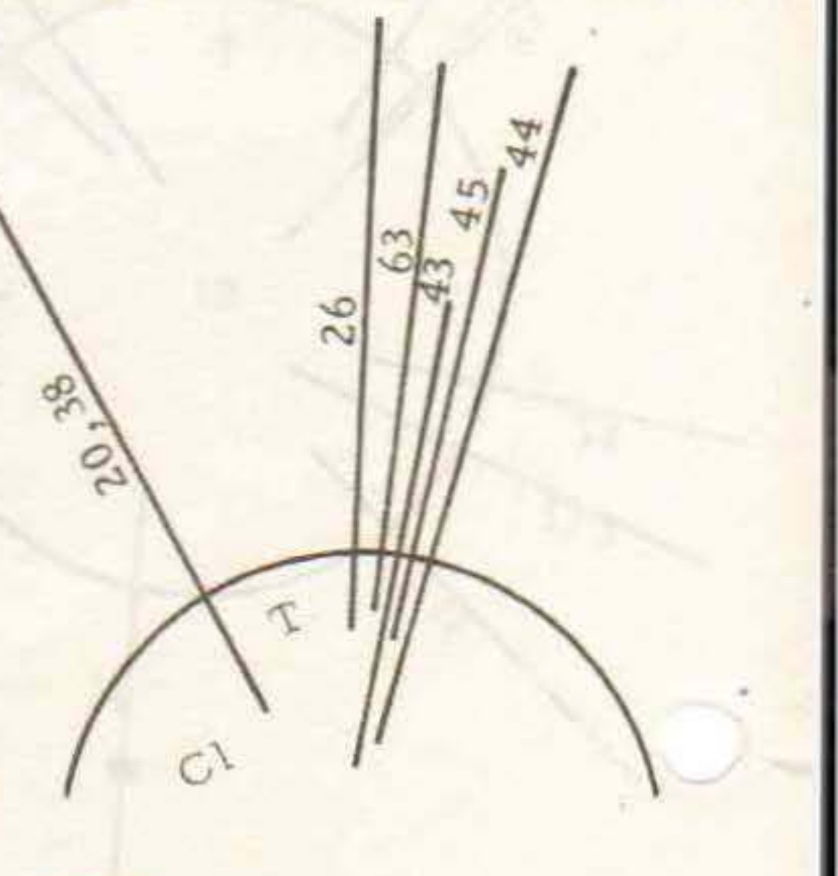
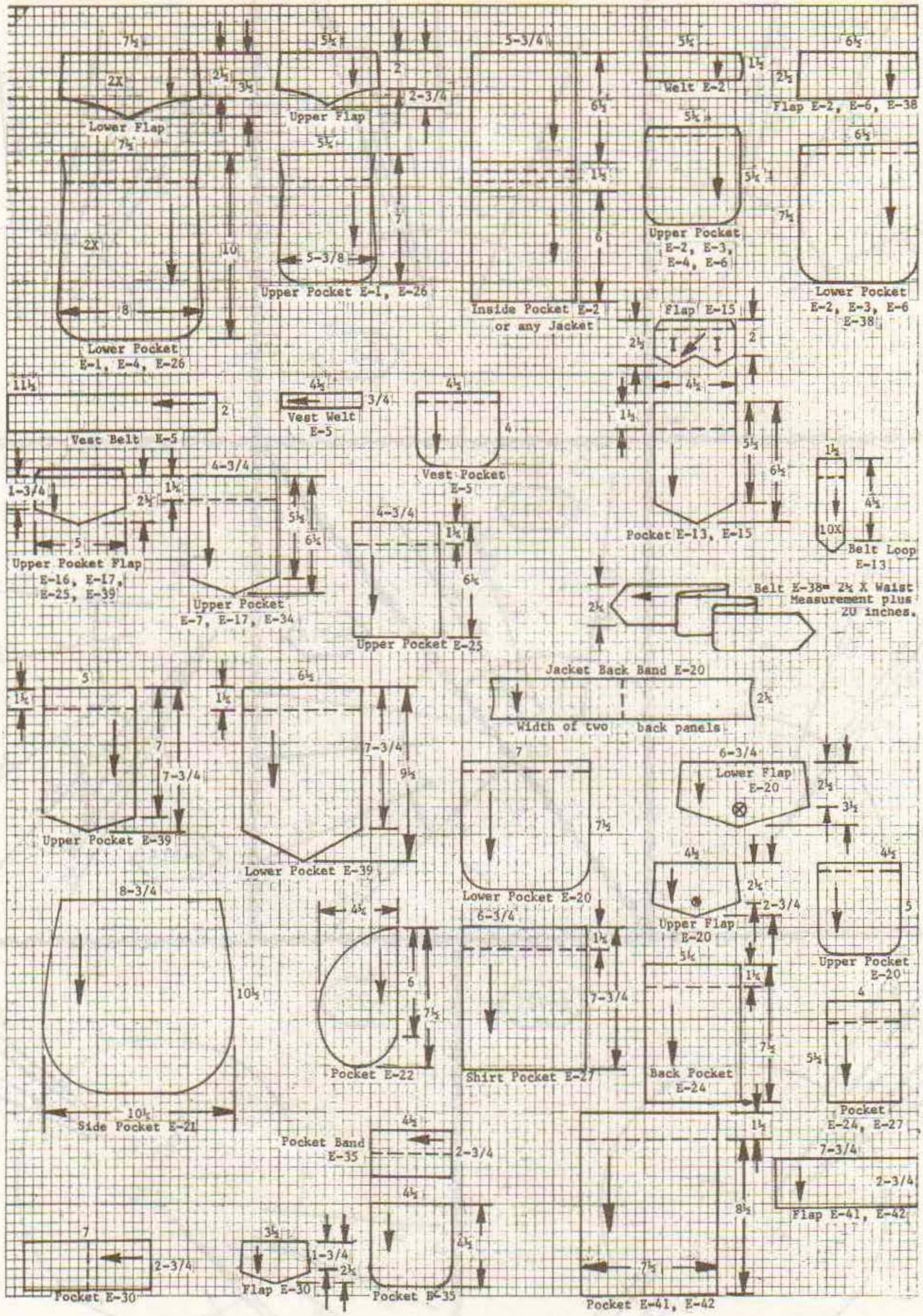


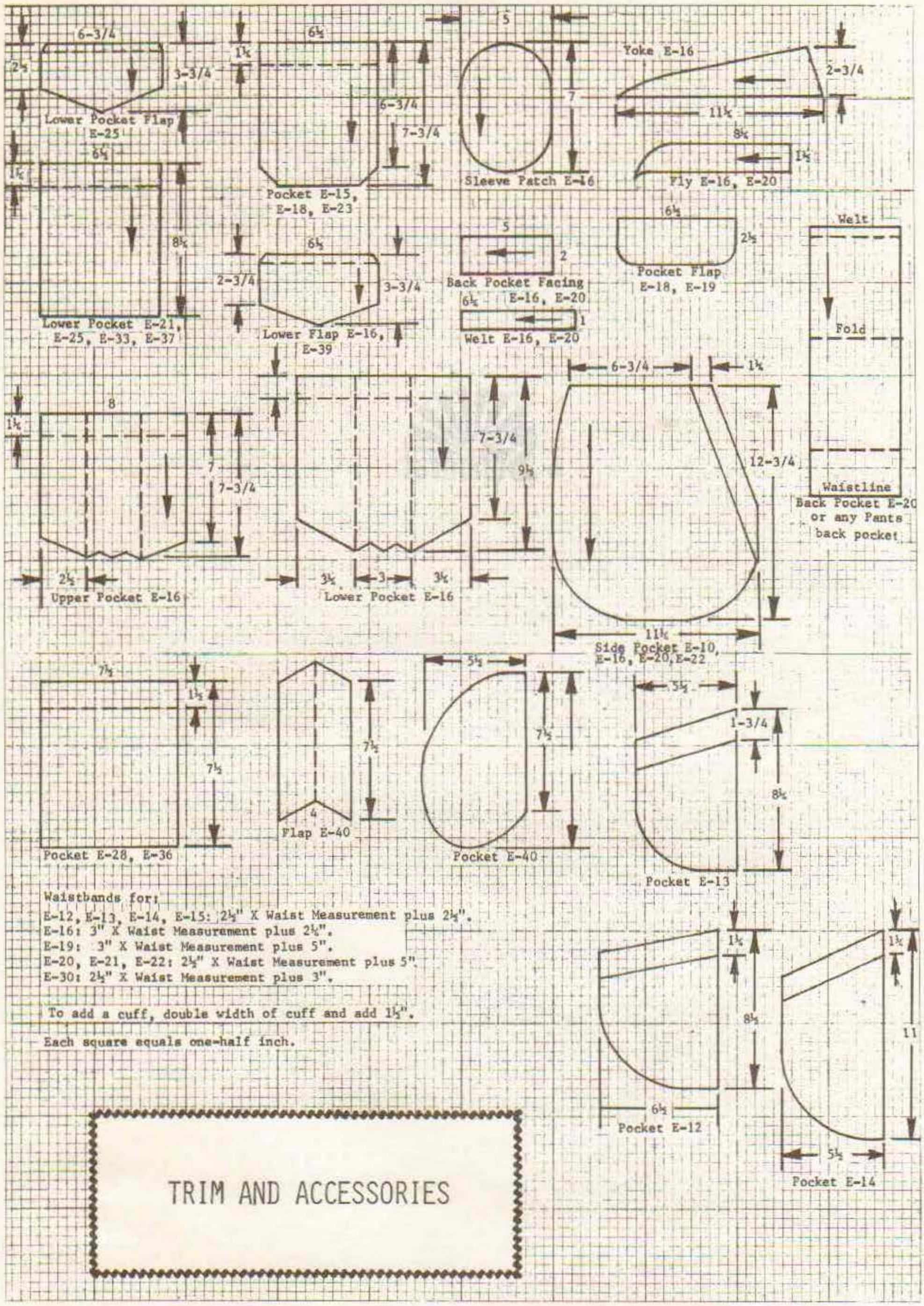

S-79

Sunburst
VI-Ee-22

S-712
32.5, 51
T
Cl
34.5
59
46
72
S-715
17.5, 28.5
29, 18
34
28, 41
58
38, 60
55
T
F
Band
S-717
69
63
55
49.5
T
Neck Tie
35
83
54
42.5
35
43
S-711
44.5
45
44
55
26
T
Cl
23, 40
S-718
43
53
42
20, 40
38, 56
23, 48.5
T
Cl
S-714
18, 41
S-716
52
46
38
33
T
Neck Tie
36
42
47.5
42
62
36
S-710
55
36
26
T
Cl
23.40
S-713
27.5, 44
T
Cl
30.5
43.5
64.5
37




Sunburst
VI-Ee-24




Waistbands for:
E-12, E-13, E-14, E-15: 2½" X Waist Measurement plus 2½".
E-16: 3" X Waist Measurement plus 2½".
E-19: 3" X Waist Measurement plus 5".
E-20, E-21, E-22: 2½" X Waist Measurement plus 5".
E-30: 2½" X Waist Measurement plus 3".

To add a cuff, double width of cuff and add 1½".

Each square equals one-half inch.

## TRIM AND ACCESSORIES

Sunburst VI-Ee-25

# For Front Armhole Only

Position upper armhole dot along this edge

© Copyright Education At Your Fingertips, Inc. 1972 New York, N.Y. 10022

## French Curve

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# For Back Armhole Only

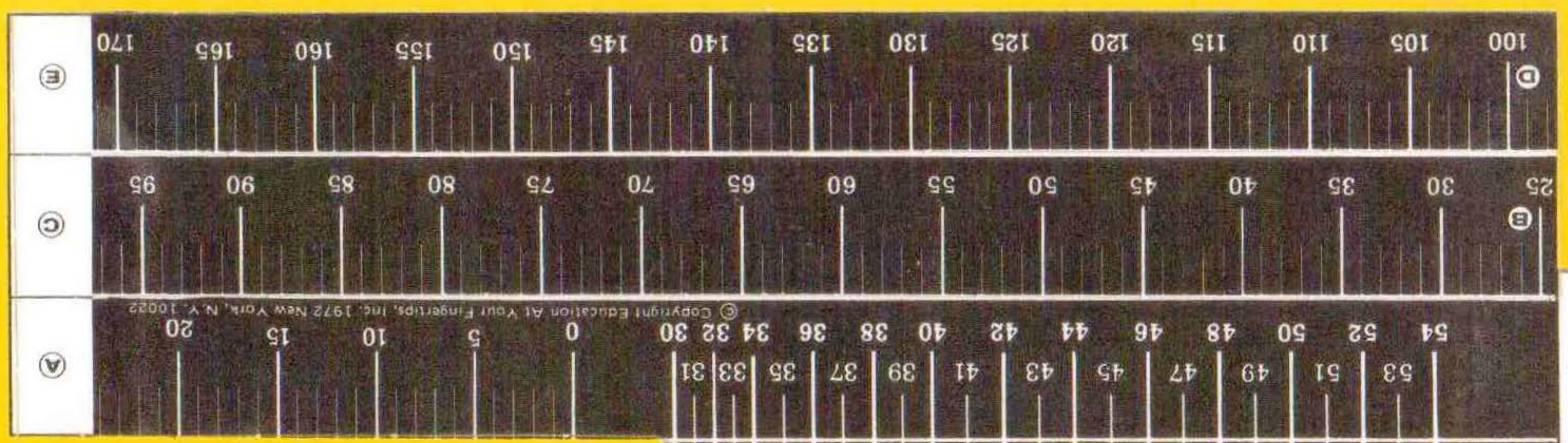
Position upper armhole dot along this edge

Position lower armhole dot here.

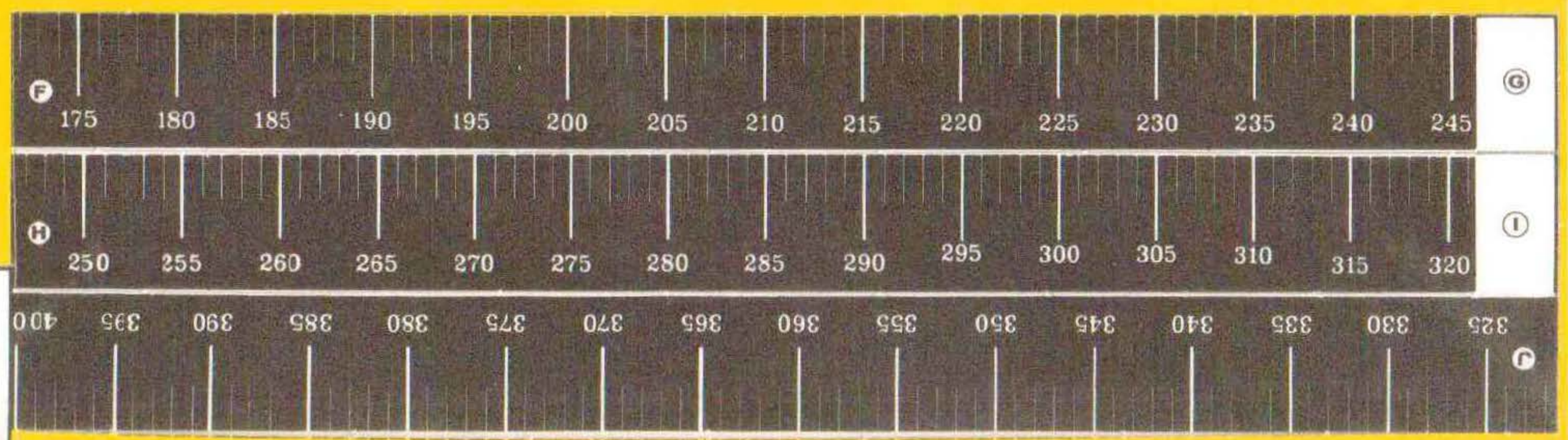
Position lower armhole dot here.

Copy/Print from original

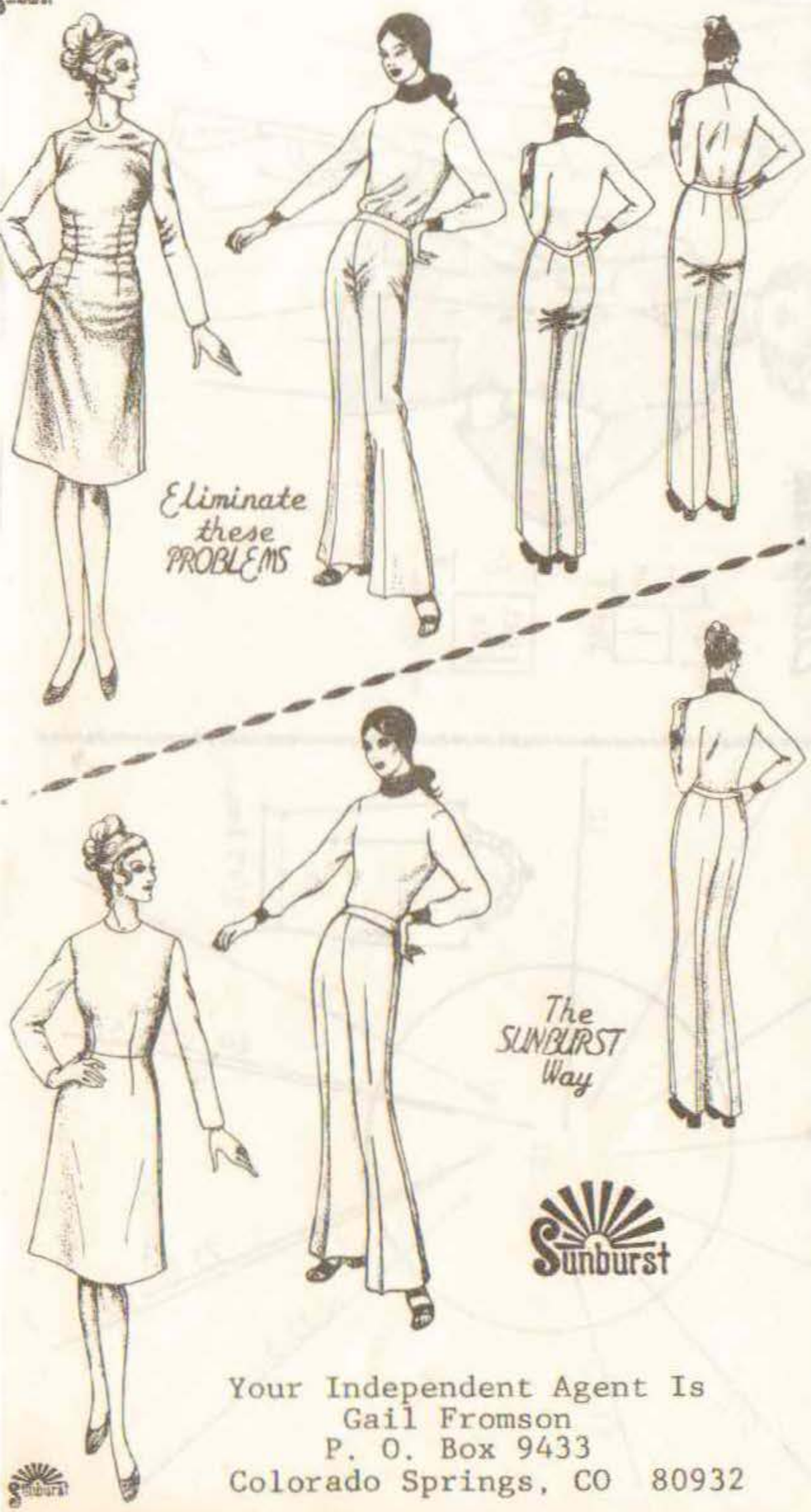
## GRADING SCALE



## GRADING SCALE




Copy/Print for Beginner

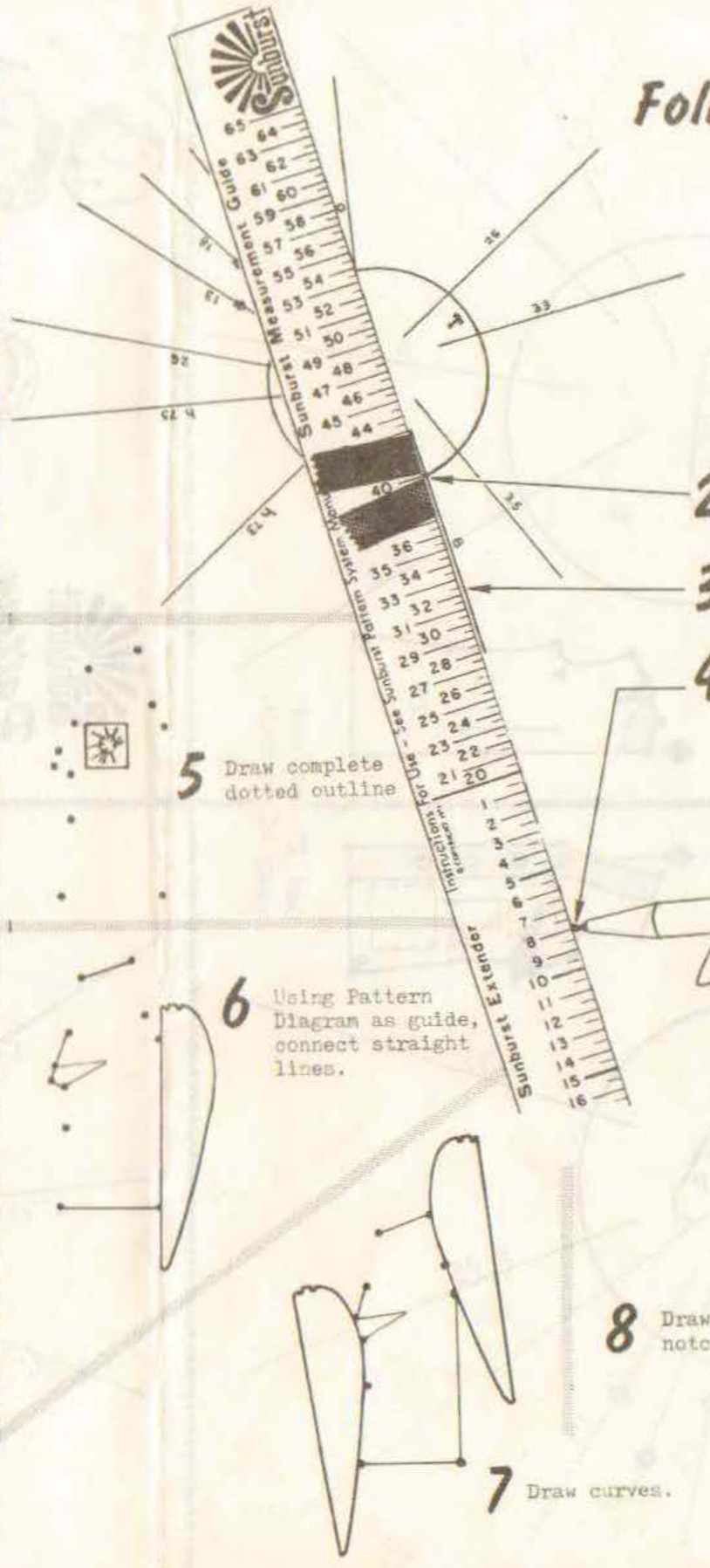



The SUNBURST Way

Sunburst

Your Independent Agent Is
Gail Fromson
P. O. Box 9433
Colorado Springs, CO 80932

# Follow these Steps

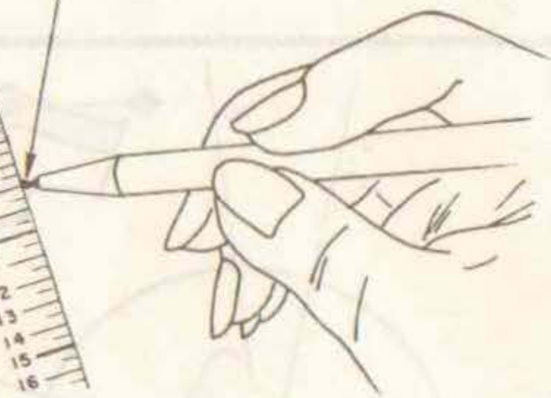


1 Mask off measurement.

2 Line up measurement on circle of Sunburst

3 Line up Guide and Extender with one of the lines.

4 Using number on line, make dot at SAME number on Extender.



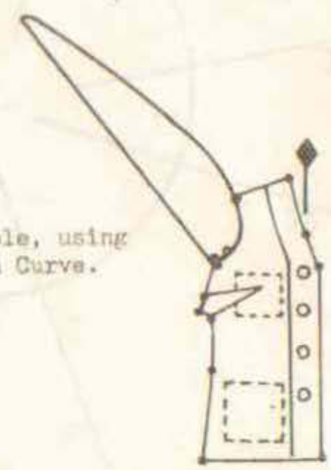
5 Draw complete dotted outline



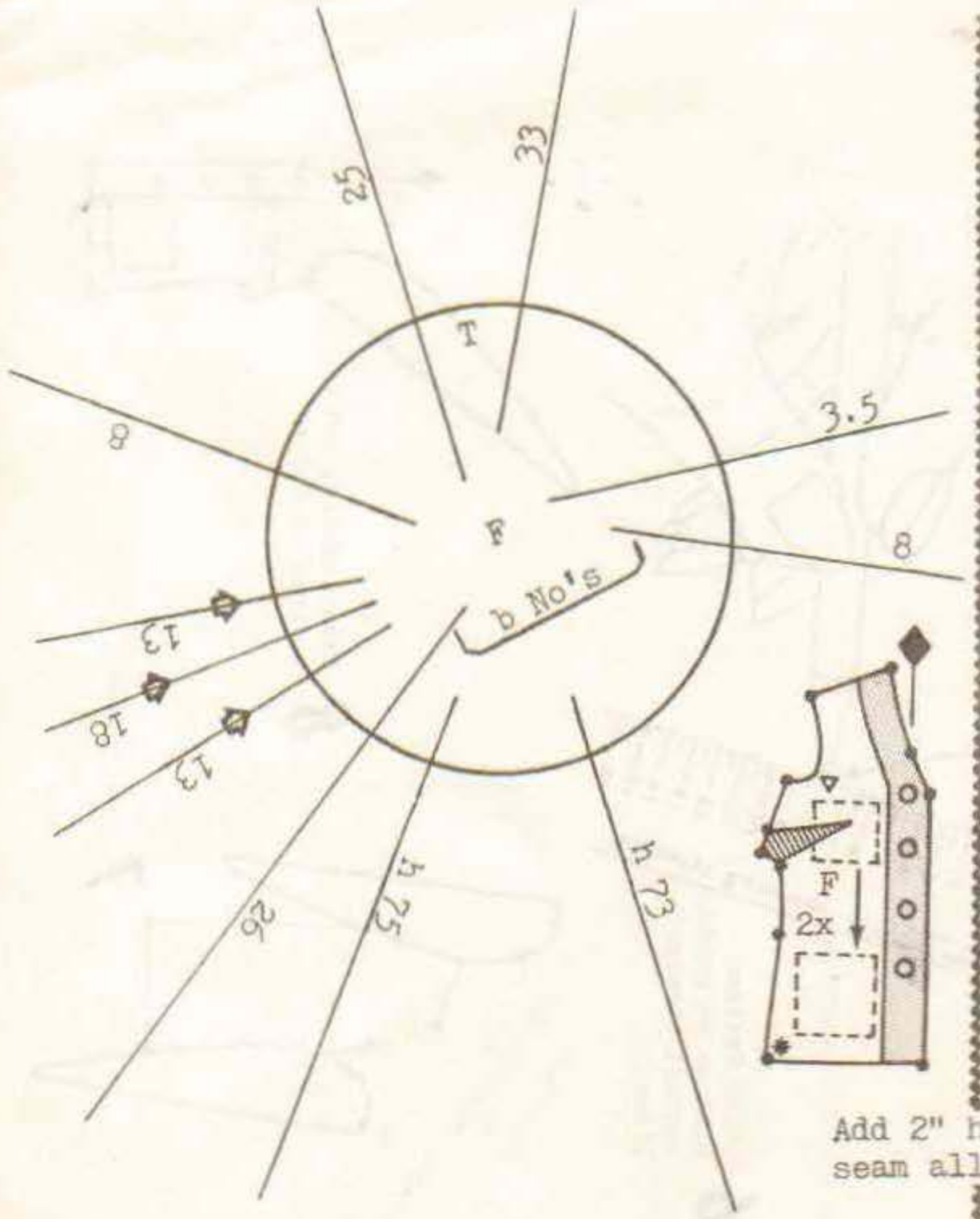
6 Using Pattern Diagram as guide, connect straight lines.



7 Draw curves.



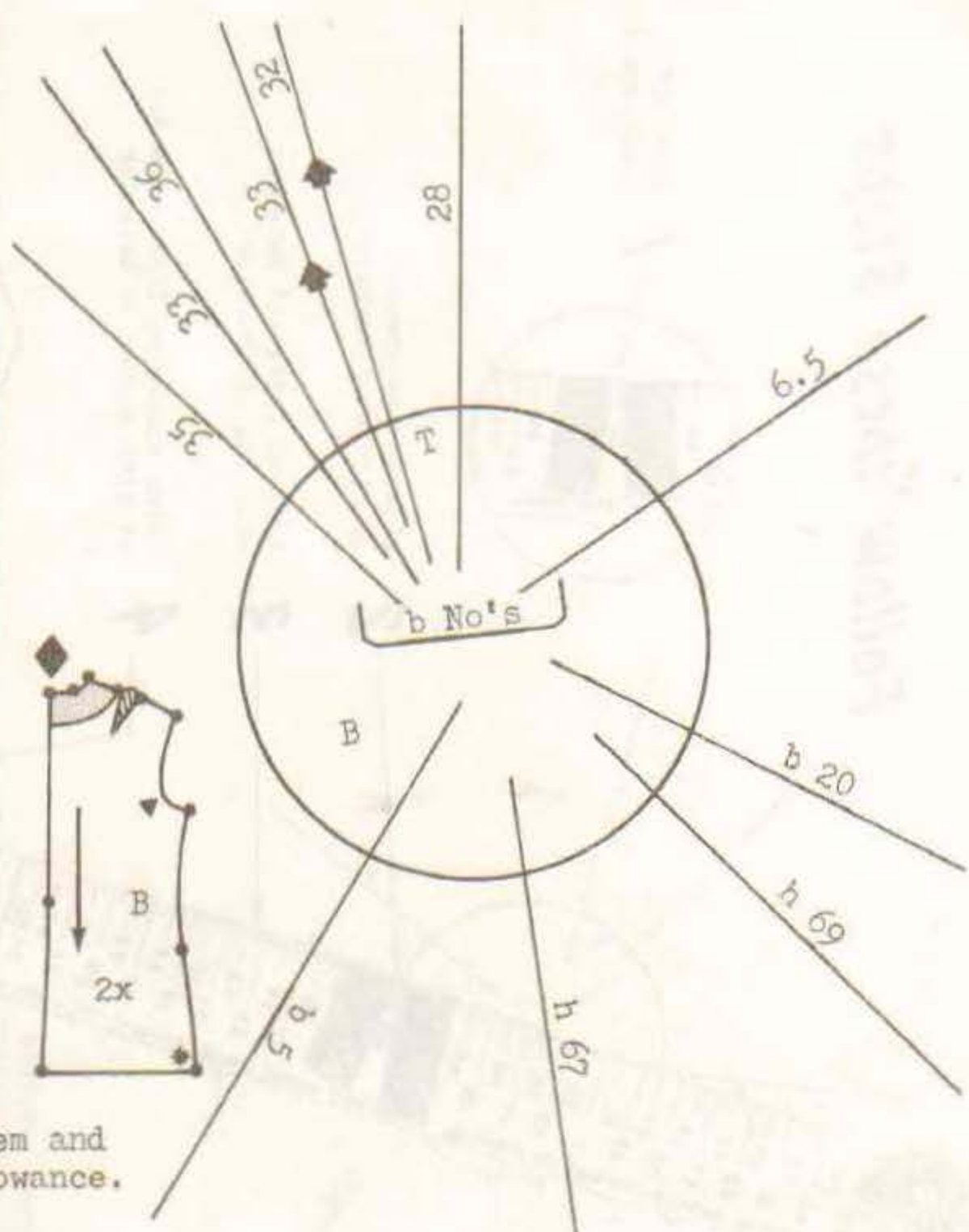
8 Draw armhole, using notches on Curve.



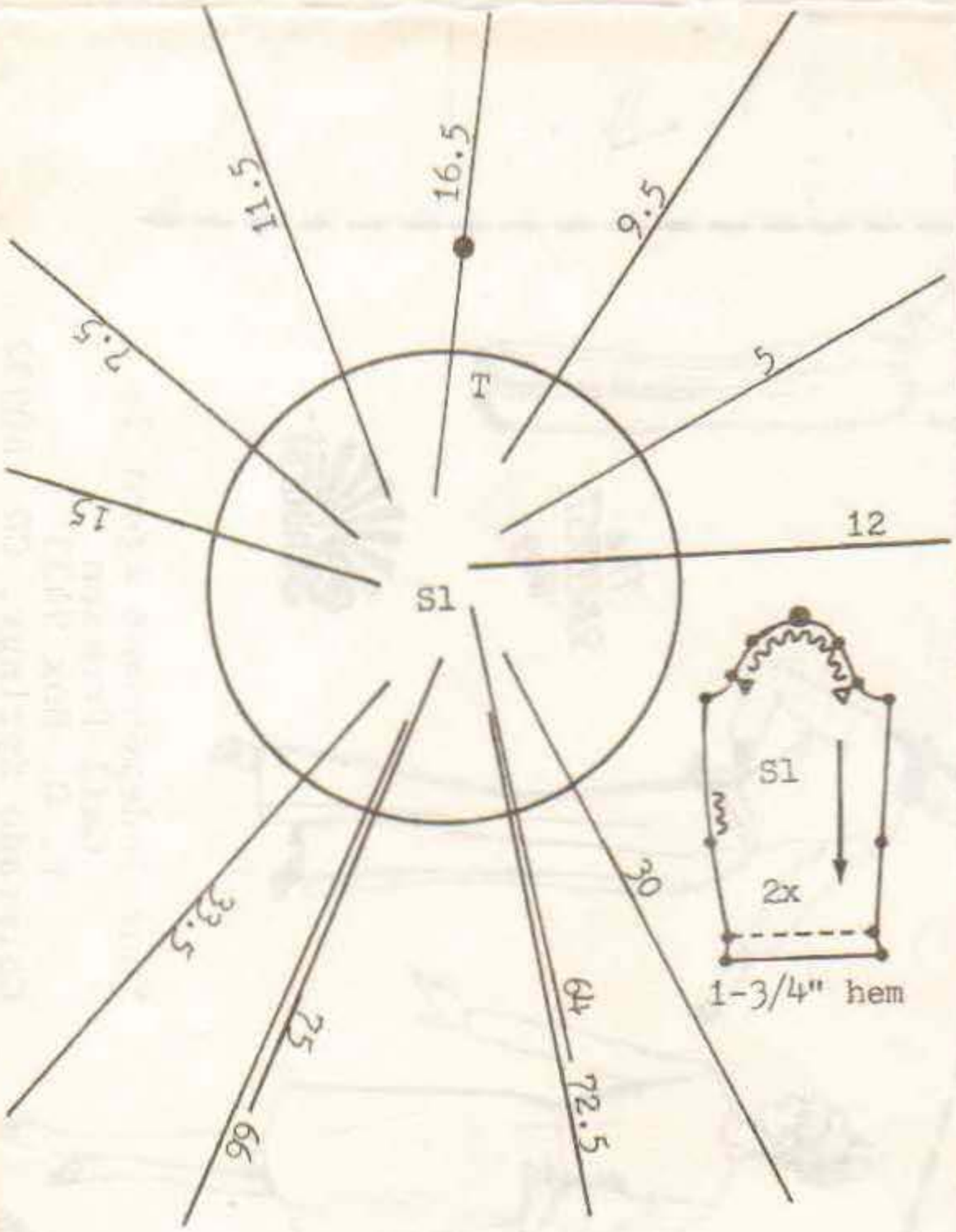







Add 2" hem and seam allowance.



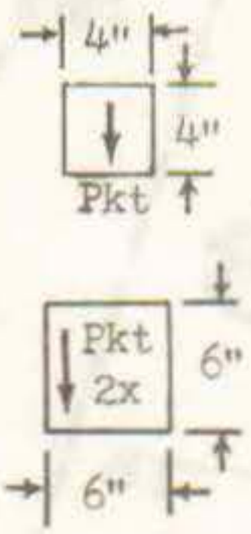




1-3/4" hem

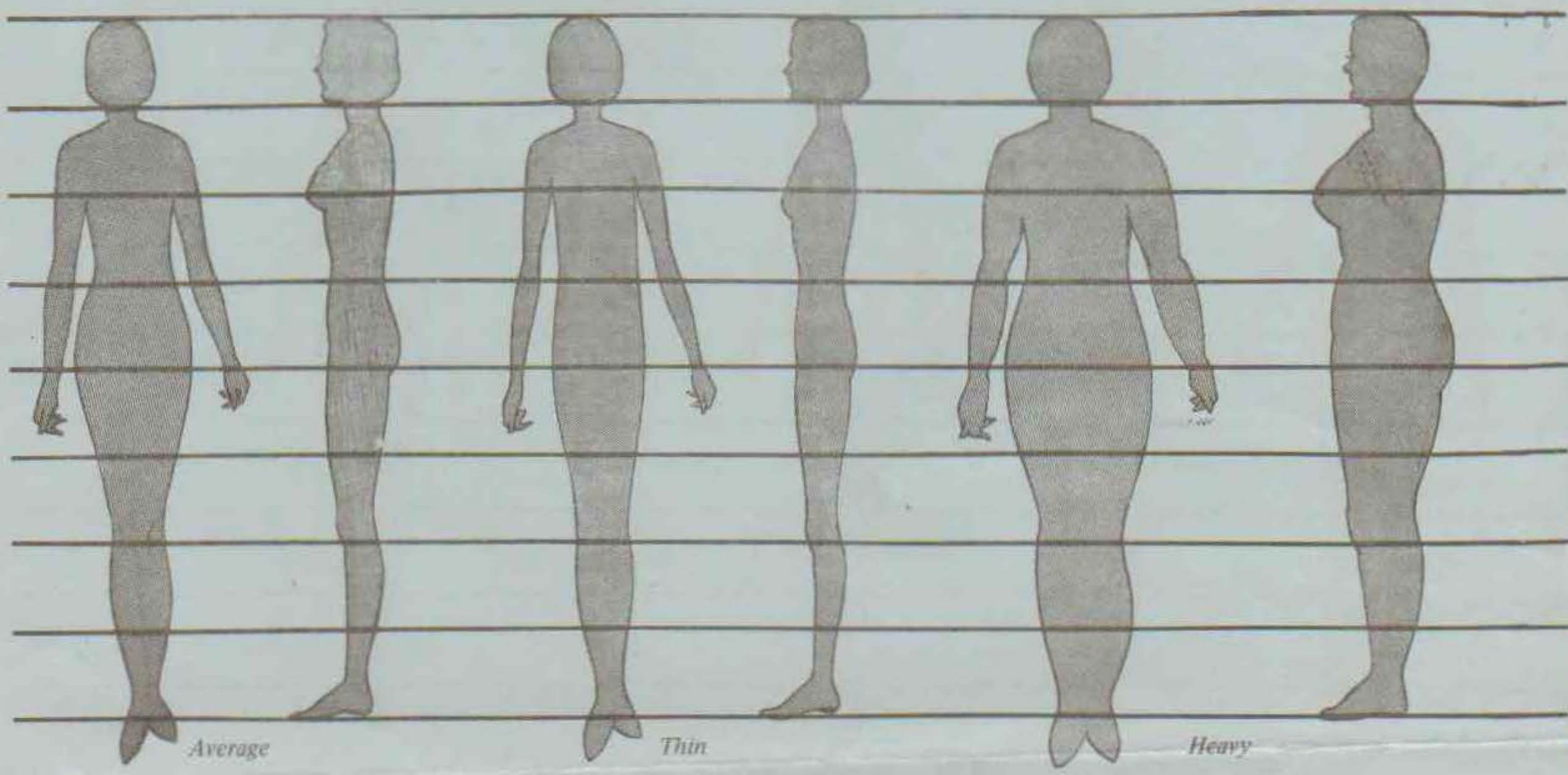
Sunburst

# Pattern Diagram

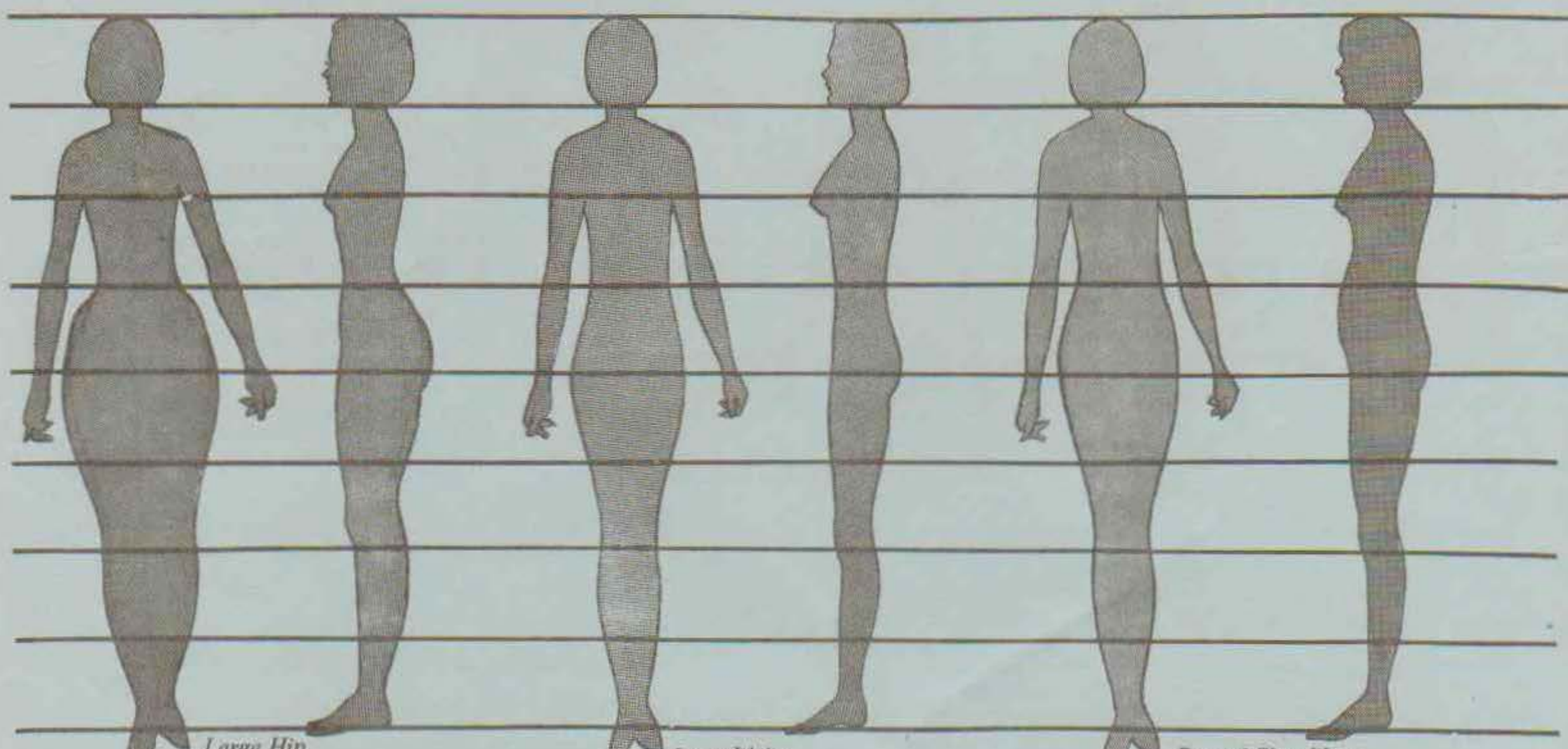


# FIGURE ANALYSIS CHART

Sunburst



*Average* *Thin* *Heavy*

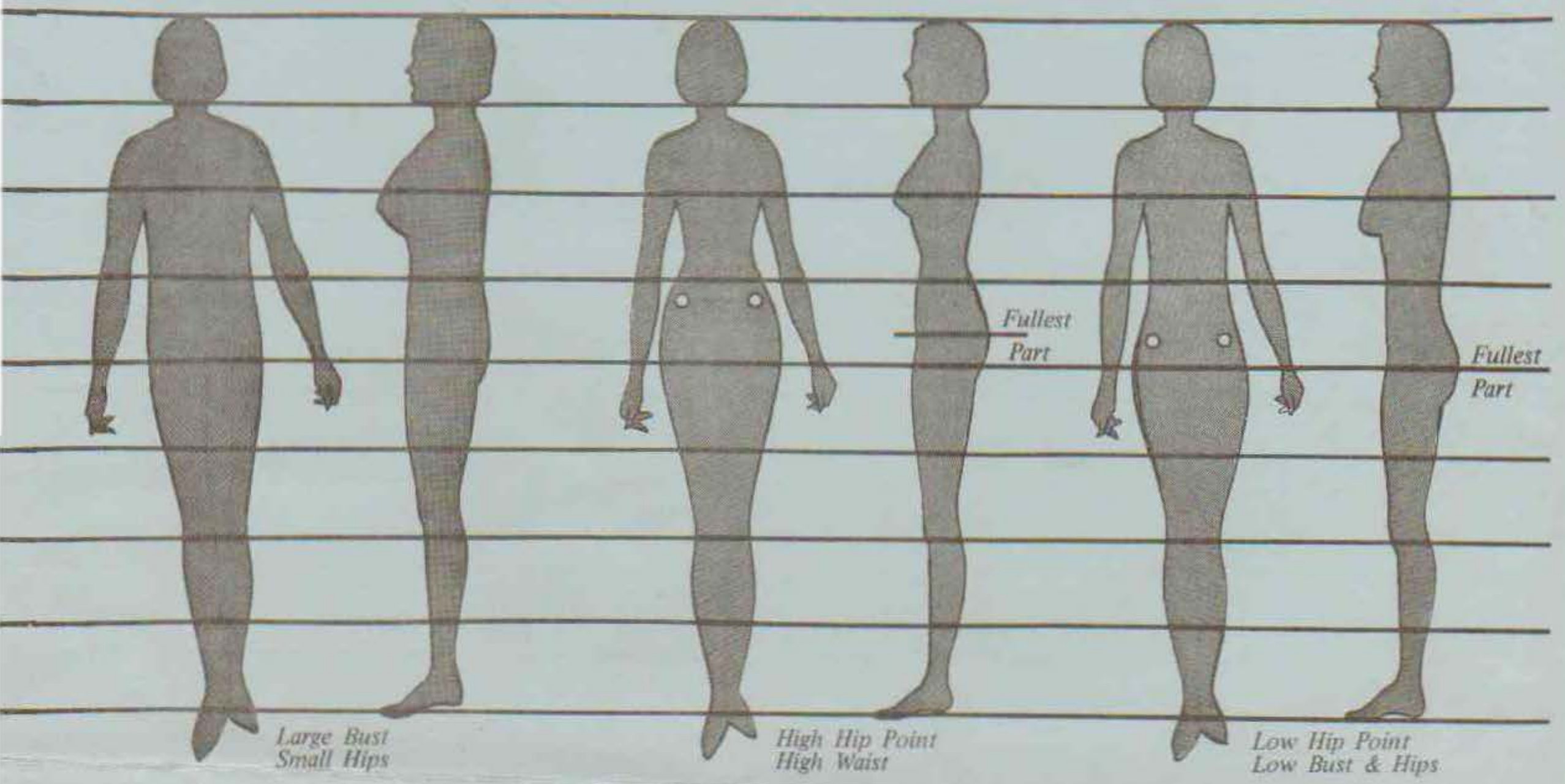


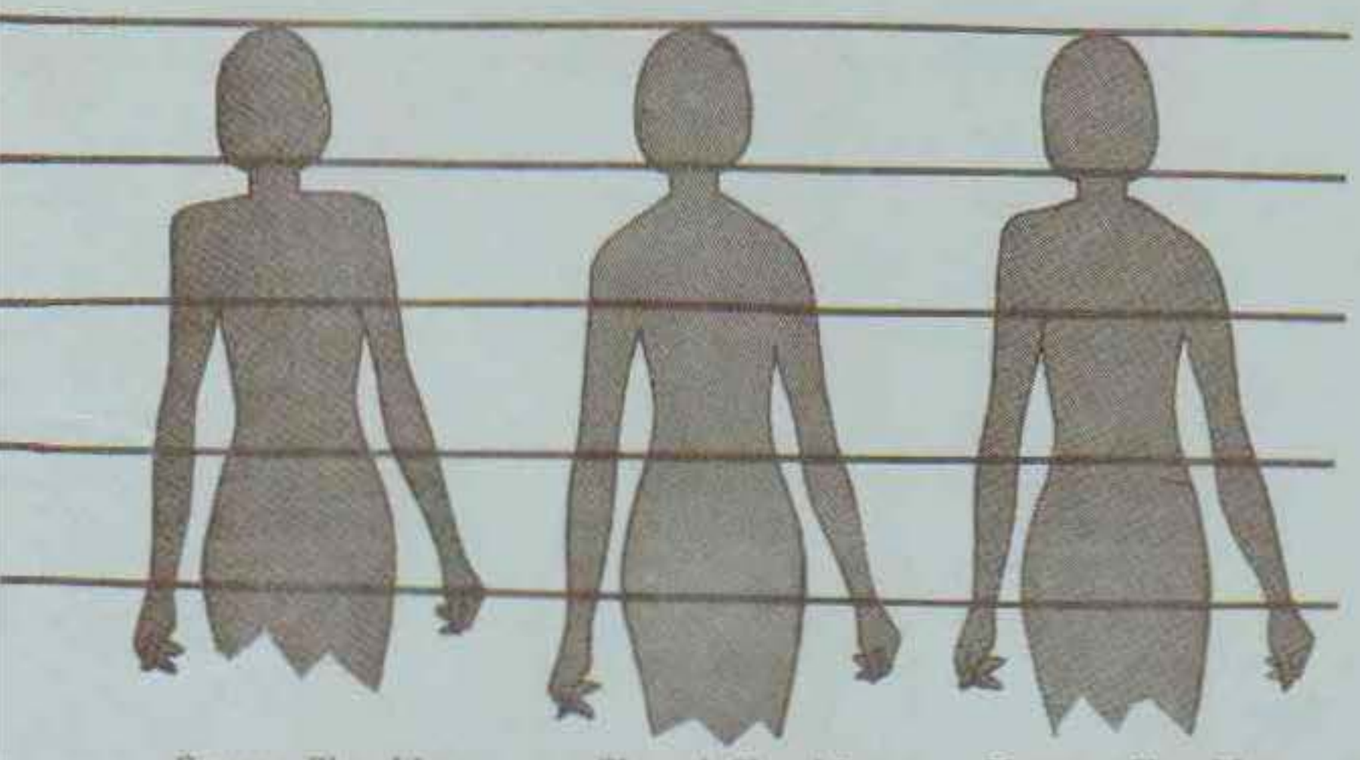
*Large Hip*
*Two Hip Points*
*Small Bust*

*Long Waist*

*Round Shoulders*
*Large Abdomen*

Sunburst




HOW TO USE YOUR FIGURE ANALYSIS CHART TO DETERMINE WHAT YOUR FITTING PROBLEMS ARE

Each figure has been divided into eight equal sections representing various figure types. The sections indicate size, shoulder level and posture, bust level and bust size, waist length and thickness, hips, abdomen, seat, thighs, knees, calves and ankles. Select the sections which most nearly match your own figure type. Be HONEST! Take tracing paper and trace your body parts that vary in any way from the average figure shown. The average figure is the one the pattern fits perfectly. If you vary from the average in any way, you require adjustments in your patterns. Heighth is not considered here.

After you have accurately built your own figure type, look at it objectively. It will point out your fitting problems accurately. You are now in a position to judge what adjustments will be required to make your garments fit.

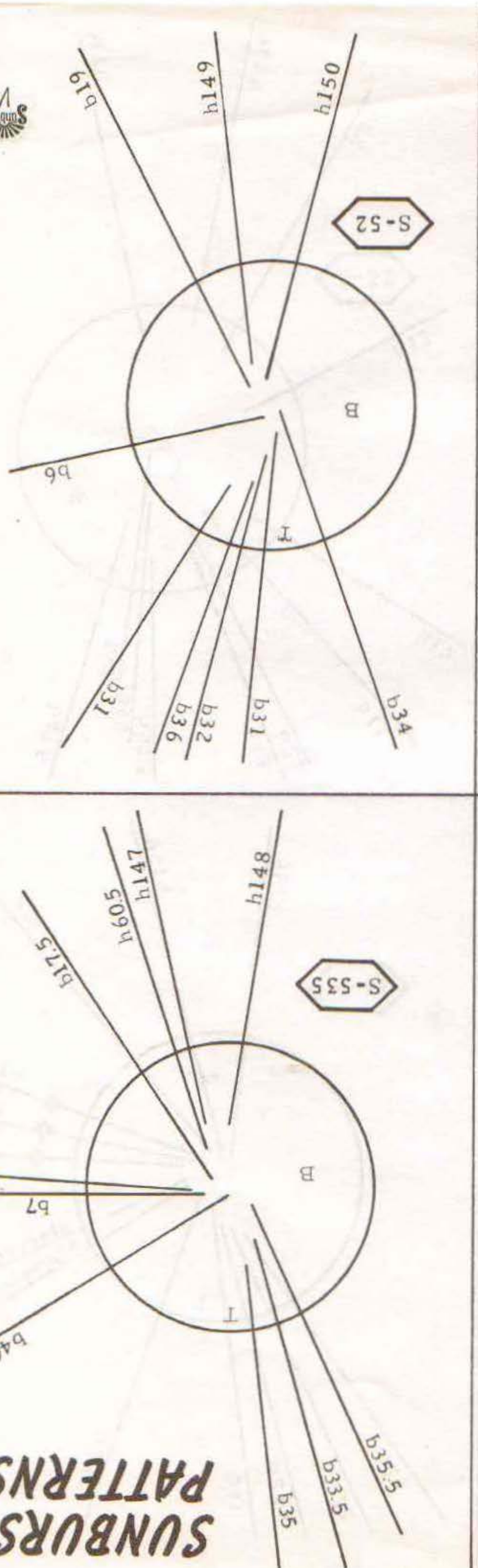
As an example, the slope of your shoulders, whether square, sloping, or uneven, would require raising or lowering the shoulder and armhole of one or both sides of your bodices. The bust level, if other than average, will r equire raising or lowering of darts. If the waist is high or low, it will have to be raised or lowered. If you are larger in the hip size than the bust size, you will need the large hip adjustment (unless you are using the Sunburst System, which gives you automatic size as the pattern is drafted).

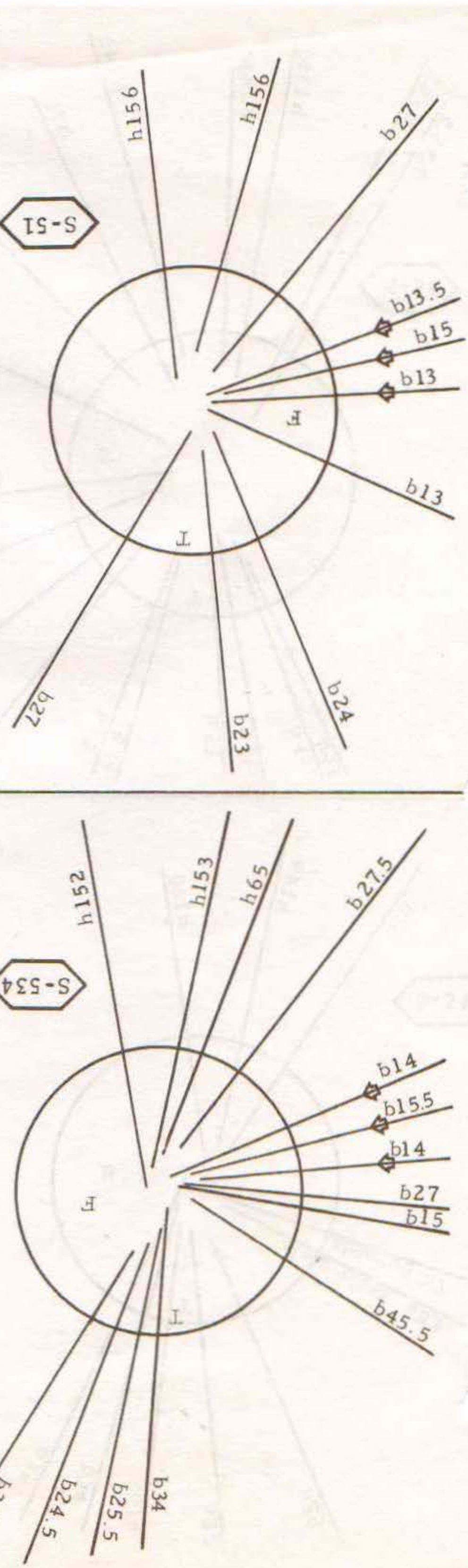
You are now able to pinpoint all these problems by comparing your own shape to the shape of the pattern.

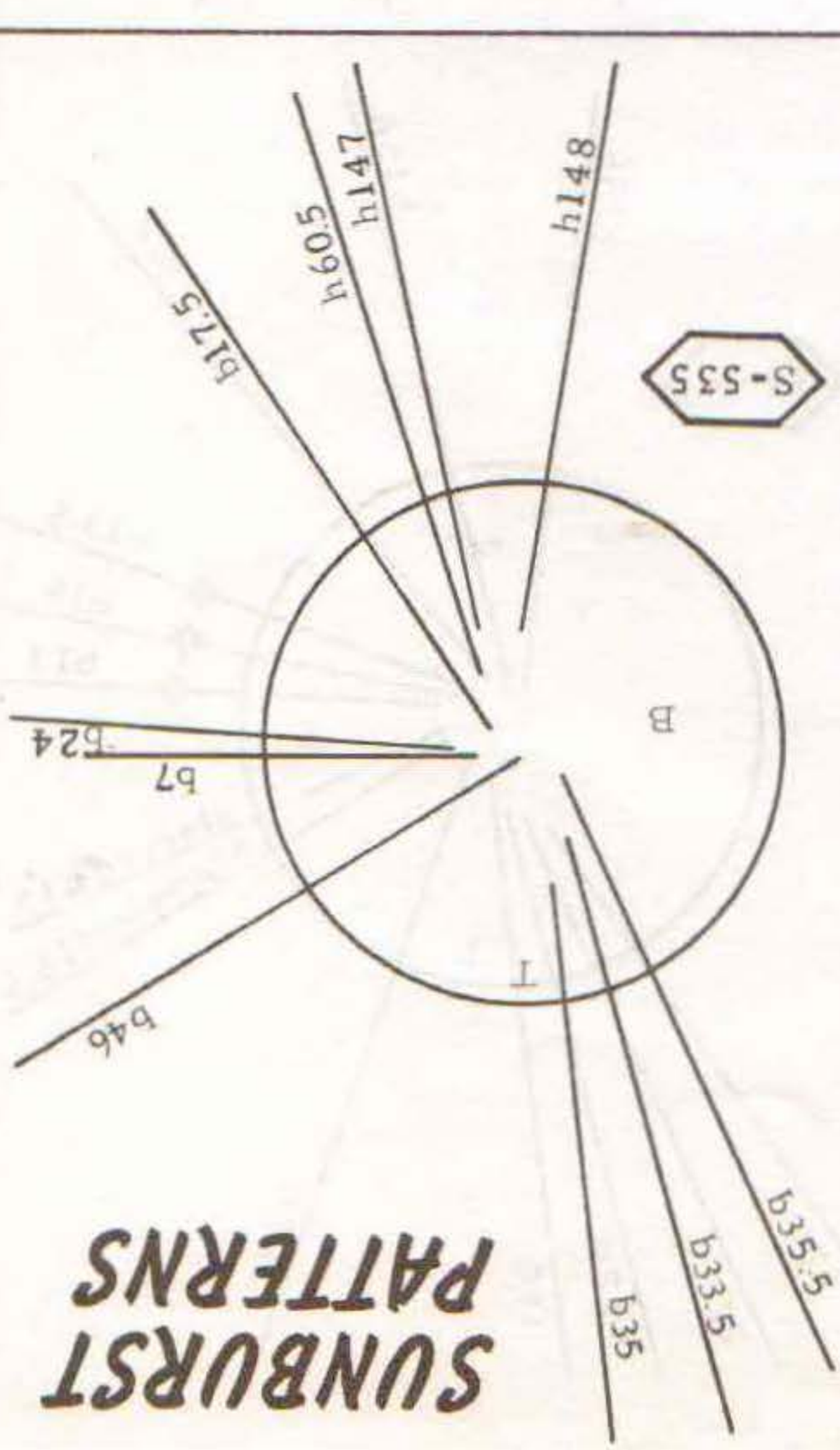
Compliments Of Your Local Distributor

P. O. Box 9433

Colorado Springs, Colorado 80932



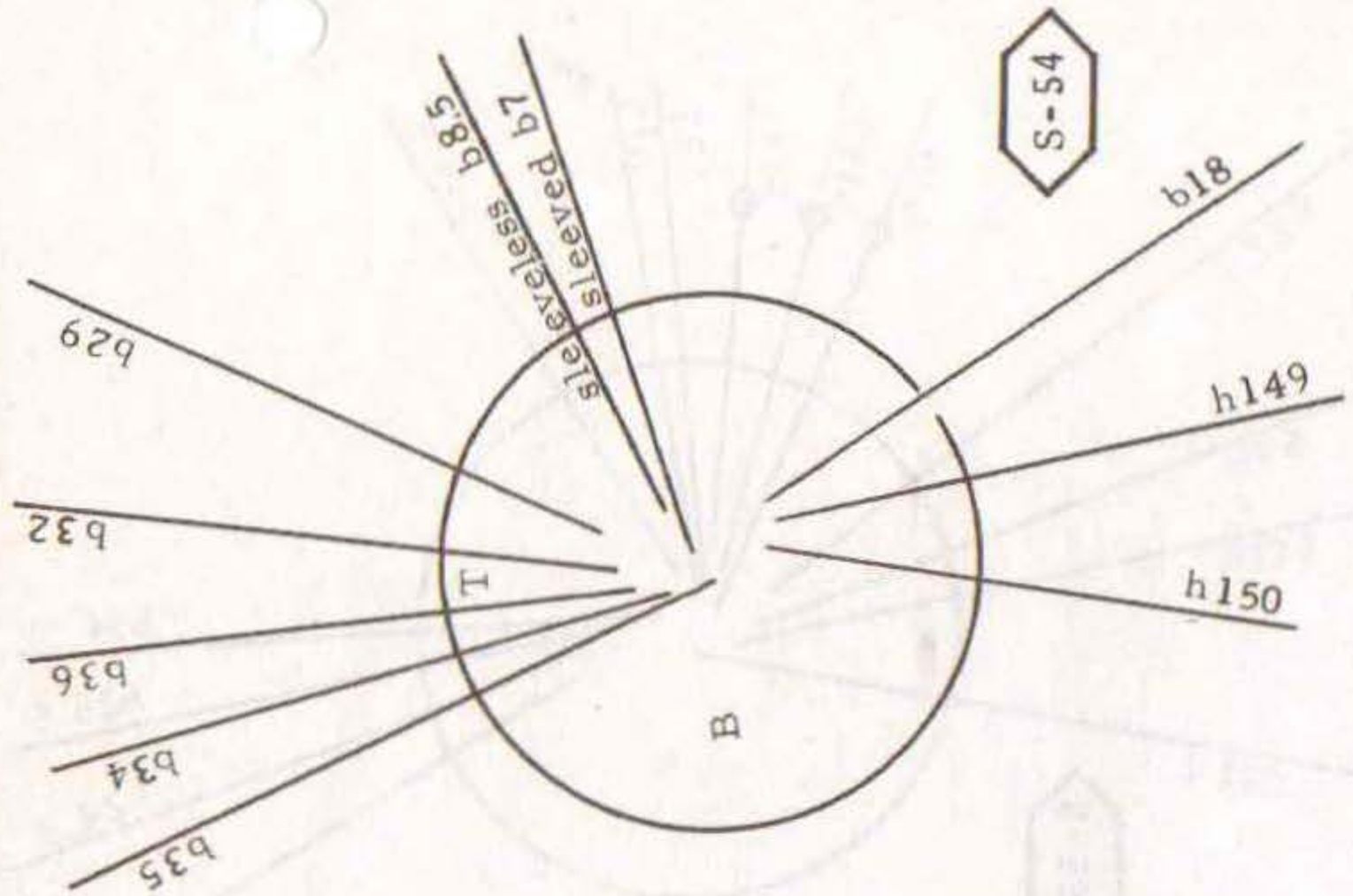



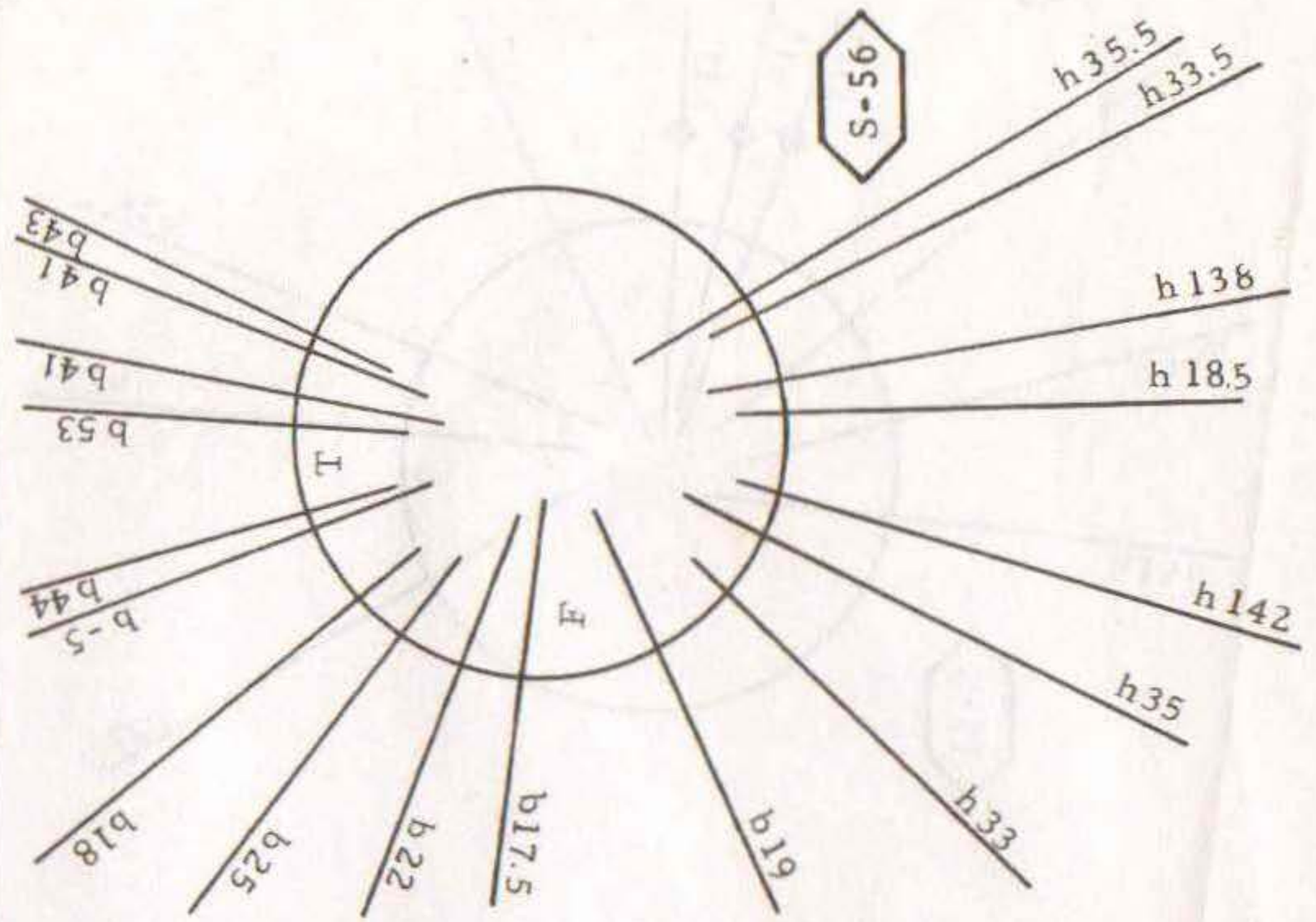



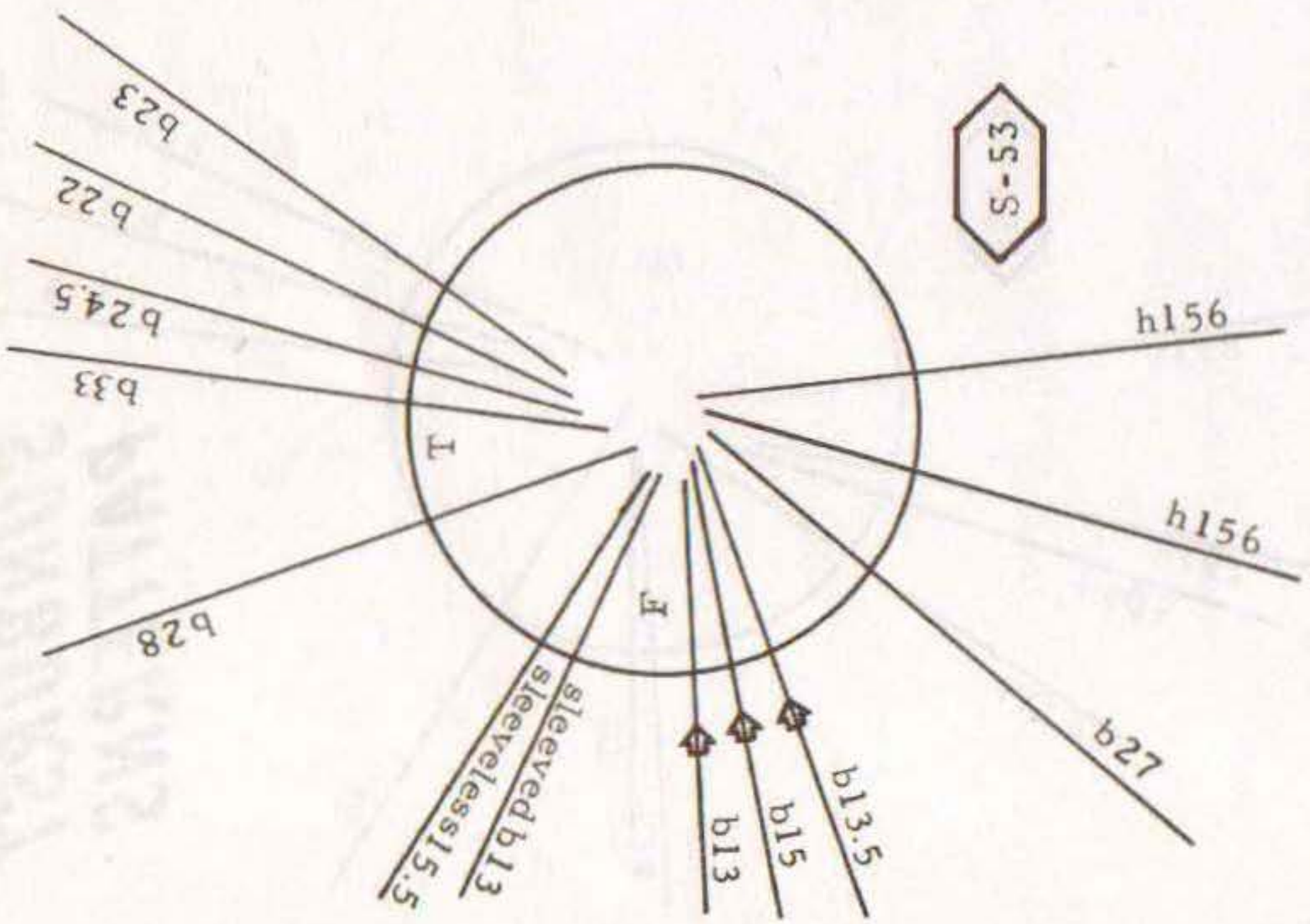


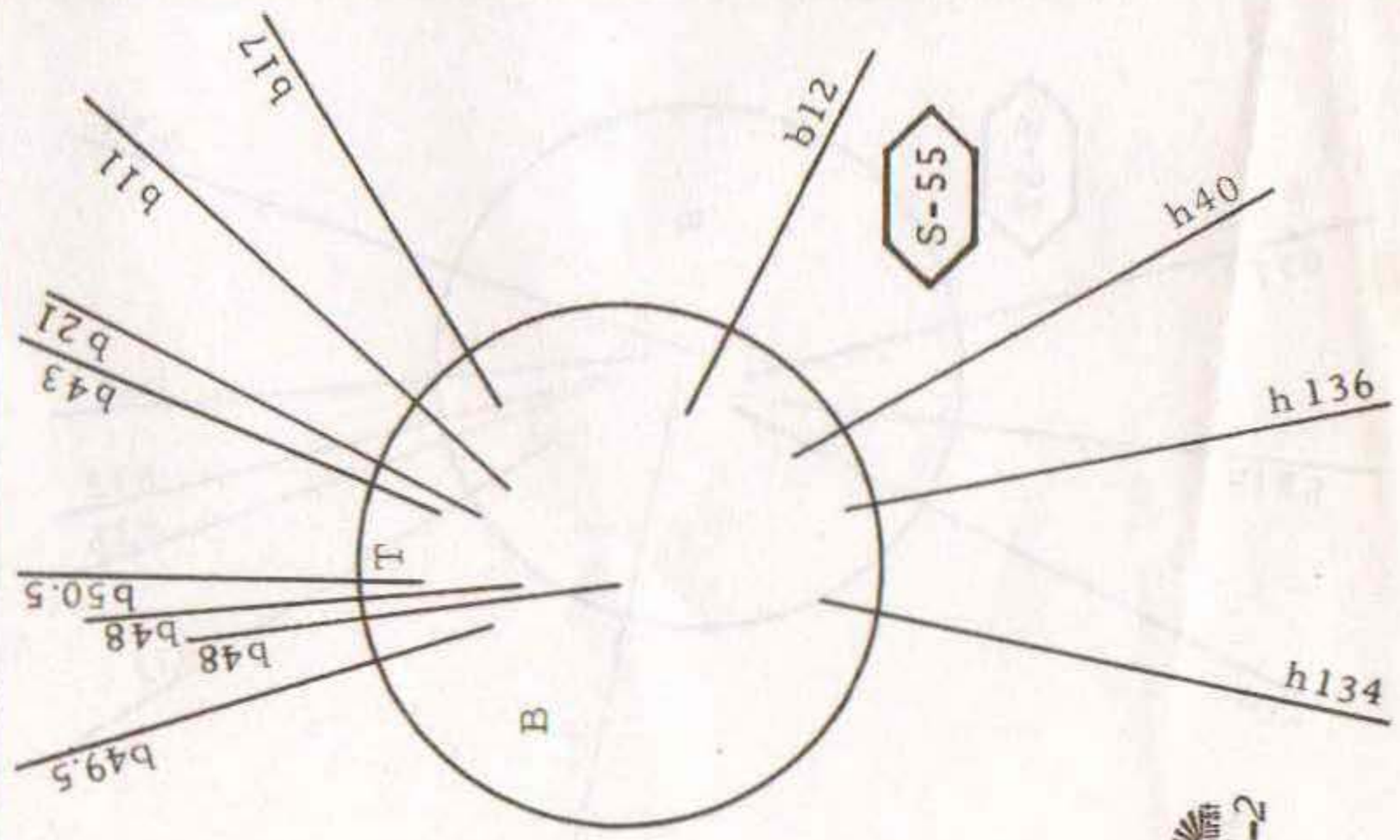


# SUNBURST PATTERNS


S-54
b18
h149
h150
b29
b32
b36
b34
b35
sleeveless b8.5
sleeved b7
T
B


S-56
h35.5
h33.5
h136
h18.5
h142
h35
h33
b19
b17.5
b22
b25
b18
b43
b41
b41
b53
b-5
b44
T
F


S-53
h156
h156
b27
b28
b23
b22
b24.5
b33
sleeved b13
sleeveless15.5
b13
b15
b13.5
T
F


S-55
b12
h40
h136
h134
b17
b11
b43
b21
b50.5
b48
b48
b49.5
T
B